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Vishwanathan Sir 2025 - 2019

Oral Question & Answers

For answers

For Answers contact 7718065806

Nov 2025

November 30

Internal – Shirish

External – Vishwanathan

Question. Difference between clean ballast tank and dirty ballast tank

Question. Definition of length as per tonnage convention

Question. Sulphur content of fuel in lab report .55, action as CE

Question. BWMS D2 standard

Question. How to check performance of frambo pump

Question. Principle of Marine insurance, what is insurable interest

Question. You are going to drydock, there is waiting period on anchorage, what will you do as Chief Engineer

Question. IMO organ, where is India presence in IMO

Question. Crew was not paid for three months, what you will do as chief engineer, COFR how you will invoke

Question. Which alternative fuel has the highest carbon intensity?

Question. Types of tankers, Slop Discharge Criteria for Oil tankers

Question. Class notation? How many types of class notation? How many groups of class notation?

Question. MOC – no cross question

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Question. Difference between Competency and Proficiency? Where is the competency for C/E written, in which instrument

Question. How will you encourage crew for Safety Culture? Which code talks about safety culture? He specifically said not safe practices

Question. First treaty to talk about climate change – treaty not convention. Then I asked him whether he is asking for marine sector or general. He again started shouting

Question. Type of engine – done

How will you know that SEEMP is effective on board

Question. 2nd engineer calls you and says running alternator frequency fluctuating from 57–63. Your action

Question. Difference between risk and hazard

Question. EEDI and EEOI and their details

Question. What are short term, long term and mid-term strategy

Question. Difference between overboard discharge of oil tanker and chemical tanker. Why chemical tanker discharge below sea

Question. FSI and PSI difference

Question. External auditor came, bunker C/I missing, he gave MNC and gone – what you will do

Question. Ammonia fuel technical issues

Question. What tell you about IMO safety document required onboard

Question. Clean ship and clean design notations

Question. Difference between annual and renewal of passenger ship (tricky because passenger ships don't have annuals)

Question. As C/E how will you do setting of EGB safety valve

Question. As C/E how will you carry out ballast tank survey together with surveyor

Question. As C/E noise conservation program

Question. Fuel having highest carbon factor

Question. Latest CIC as per PSC, going on as of now

Question. Types of CSM surveys, and how you carry it

Question. Liability conventions and their details

Question. Non-treaty instruments

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26.11.2026

Int – Shirish

Ext – Viswa

Question. Your ship is facing heavy weather. Few containers fell off the ship from the STBD side. Your ship is list on port. Your actions? All ballast tanks are full on the port side.

Question. Total number of notation there in class. Only the number.

Question. What are statutory certificates under UNCLOS

Question. What are the contents of MDO? Why calorific value high?

Question. Ballast tank inspection complete

Question. Implementation of safety on board your ship

Question. Formula of EEDI (edited)

26/11/2025

External: Vishwanathan Sir

Internal: Shirish Sir

Attempt: 2

Started with types of ships and exp as 2nd engineer. Sailed on product tankers.

Question. If your manual says max cargo density of 1.2 and have cargo of density 1.35 can you load?

Question. Discharge criteria for Chemical tankers as per Marpol.

Question. How is base line for EEDI plotted.

Question. With ammonia as future fuel what are technical difficulties with it. He again specified “technical”.

Question. Structure/ organogram of IMO.

Question. You joined a ship as CE and ME is new to you. Ship is sailing next day. How to proceed?

Question. New 3E joined today at 8.00am and old 3E signing off at 8.00pm. Action as CE? He wants rest hours of new 3E to be taken care of.

Question. Suspension, withdrawal, Automatic Suspension, Deletion of class in what all cases in same order?

25-11-2025

Attempt 1

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Int: Shirish sir

Ext: Vishwanathan sir

Question. when gbs came before that what was standards

Question. annual survey and renewal scope

Question. boiler major at dd maintenance what checks before commissioning

Question. AE conrod bolt found slack action

Question. What you will see in ballast tank with survey

Question. E orb missing entry procedure

25/11/2025

Internal: Shirish

Ext: Vishwa

Attempt: 2

Result: Reappear

Question. What is COP30? What is UNFCC? who are the parties to it.

Question. Auxiliary boiler repaired in DD(Tubes were changed,) what are you actions?

Question. What is SPS Code?

Question. What is Ship Recycling credit note in India.?

Question. Suspension, Withdrawal & Automatic suspension of class, tell me step by step in the same order.

Question. Technical difficulties in Ammonia fueled vessel.

Question. ME in running OK. How will you come to know that problem is with Hull fouling or Propeller Fouling, if ME consumption is Increasing by 2T per day.

Question. What are ME exhaust gas components which are measured on testbed.?

Question. During decarb found all AE crankpin bearing out of limit and you have only 2 spare crankpin bearing onboard, what will you do?

Date: 25/11/2025

Int: Shirish Sir

External: Vishwanathan Sir

Attempt: 3

Result: reappear

Question. What was the event held by UN last week?

Question. What is COP? COP30, where it was held?

Question. MOC as per ISM?

Question. Difference between engine layout diagram and load diagram?

Question. what H&M and P&I covers together?

Question. what are the documents onboard related to safety?

Question. Why no code for oil while for gas and chemical it is there

Question. GBS and entry into force year

Question. Leadership qualities as per STCW, NOT as per your common sense

Question. Oil pollution – what all provisions are there for compensation

Question. Stability curve

Question. Engine group and engine family

Question. You are joining as Chief Engineer on 30-year old ship in Indian coast – how will you find Hazardous Material Inventory?
It's not provided from yard

Oct 2025

Question. how will you prepare fram system for dock as ce. how will you take fram pump performance.

Question. leakage criteria from fram pump cofferdam, how much is allowed.

Question. output of master review meeting

Question. ESI

Question. how will you come to know how much amount of paint is required for vessel going to dry dock

Question. What is cargo work? [**Question.** C02 emissions during Cargo work.] how will you reduce cargo work for your ship as a chief engineer, and you don't have to tell anything related to engine room, what you will do other than anything in engine room? [sept 25]

Question. leakage criteria from fram pump cofferdam, how much is allowed.

Question. first legally binding treaty on climate change.

Question. difference between agreement and treaty.

Question. as ce how will you implement safety culture onboard

Question. fuel consumption in previous voyage was less than in current voyage action as CE.

Date: 23 Oct 2025

Internal-Shrish Kumar Sir External-Vishwanathan Sir

Told to show CDC,

written result, Ship type, type of cargo, Institute of preparatory course, experience as 2E. Attempt number why so much attempt today was my 9th attempt

There was issue with internet as well as my laptop so vishwa sir voice was little low I told sic ur voice is coming low then he started shouting shouting, shout and shout full all question he shouted

Question. Your ship is going to DD in 15 days as chief engg what you will do?

Question. You join ship as chief engg and found one of main engine critical spare part is there in ship spare room how u can add that part in critical spare list?

Question. how you calculate how much pain is required for ship hull, how you calculate how much paint is required to paint entire main engine

Question. what is ISGOTT

Question. What is CII, How much grade r there and you join ship as chief engg and ur ship got D what you will do as chief engg

Question. what's is sfoc how to calculate

Question. How IMO convention came en-force.

Question. Non mandatory treaty of IMO

Question. What is inertia test in sea trial.

Question. NOS DCP centre in India.

Question. BWTS not working 24 hrs prior arrival port, no spares onboard, action to be taken as chief engineer.

Question. Corrective and preventive action

Question. 2 ton more fuel consumption from previous voyage, course of action to be taken as c/e.

Question. How will you make out propeller is fouled or hull is fouled. 9.What is the significance of area under gz vs theta curve.

Question. Sir Give example of many fuels and ask which fuel has highest carbon intensity and why.

Question. Major amendments in IMO conventions after 2020.

Question. New 3E joined and old 3E will signing off after 12 hrs, action as CE

Question. Vessel in japan and cago operation in 3 ports, Bilge tank full in 1st port, port doesn't have reception facility, your action as c/e.action as chief engineer.

Question. Solas applicability...what about ship which is below 500 gt

Question. challenges faced in 0.5 sulphur fuel

Question. Flag state inspection and port state inspection

Question. Discharge criteria from slop tank.

Question. your ship class notation,

TELL YOUR SHIP NOTATION

Question. which new notation introduce latest

Cyber

Question. D2 B.W performance std

Question. As c/e if your flight delay & have only 2 hours for handover, what you will see.

Question. Which are the Non-Mandatory IMO treaty

Question. How will you add critical item on ship

Question. Why Main engine test for minimum RPM.

Question. Chemical tanker loading is allow with density of 1.2. Can it load 1.35 ? how? Which documents,

Question. Incinerator induced fan or forced draft fan? I said by mistake forced draft and then he changed questions.

Question. Ows not working in front of surveyor. Vessel detained. Action.

Question. Inertia test during sea trial. I told after giving stop command time is noted for checking the time till the vessel comes to stop. He stopped and said how vessel can stop. Talk with some sense.

Question. Joined new vessel with new type of technology. How to go about as chief engineer.

Question. dg circular for social security. I was not aware of it so i told i dont know.

Question. Latest amendment in fal related to seafarer society security.

Question. PSC and FSI difference.

Question. Chief Engineer competency where mentioned and last competency in table III/2.

Question. what IMO meeting carried out in October (this month). What was the outcome.

Question. you bunkered fuel 20 days before and now test reports are off specs, actions as a chief Engineer.

Question. Bulk carriers additional safeties.

Question. definition of length as per tonnage convention.

Question. in drydock yard people are going to fix the propeller and rudder, what to check before fitment.

Sept 25.

Question. What is cargo work? (I started explaining him EEOI).

Then he himself explained cargo work and asked:

how will you reduce cargo work for your ship as a chief engineer, and you don't have to tell anything related to engine room, what you will do other than anything in engine room?

Question. Noise reduction – as per noise code, how will you carry out/take care of as chief engineer?

Question. Vessel is sailing between 2-3 ports of Japan and BHT is full, there is no reception facility. As a chief engineer, what will you do?

Question. What is the use of loadicator onboard a ship?

Question. What is ISGOTT? Which organisation develops it?

Question. What all gases are checked in NOx test-bed?

Question. Do you know which fuel has highest carbon intensity? Are you sure it is MDO? Why it is higher for MDO, not for HFO?

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Question. Signing on 3E has got his handing over in less time, or has not done handing over with signing off 3E. What will you do as chief engineer?

Question. You are going in ballast tank with surveyor for close-up survey. As a chief engineer, what you will do? What specific thing you will take care of for making a report?

Question. Have you seen IMO organogram, tell me its structure?

Question. Reliq plant details

Question. IMO ambitions on greenhouse gases

Question. Ammonia usage difficulties

Question. Off spec bunker report after 3 days of sailing – action as CE

Question. OWS not working in front of PSC

Question. Principles of insurance

Question. Letter of credit

Question. Unclos regulation specific to flag state duties and coastal state duty

Question. BWMS isometric sample

Question. Master review

Question. Did you read an article about the ro ro ship incident that happened in 1987.

Question. What all precautions you will take while carrying EV vehicle

Question. EEDI and EEOI

Question. What is the 2nd renewal survey and 3rd renewal survey

Question. When is class suspended, withdrawn

Question. What is correction, corrective action, and preventive action

Question. Newly constructed ship, what criteria given for stability.

Question. Shop test

Question. Sea trial

Question. What is inertia test in sea trial

Question. Clean bill of lading

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Question. LC

Question. Engine tuning

Question. UNCLOS related certificates

Question. COSWP

Question. PMS preparation

Question. Dry dock plan

Question. Condition of Assignment? And process of assigning freeboard.

Question. Noise level limits in Engine room and ECR. What is it? Why Dba? Equation for DdA? Is it relative or absolute value? Why relative? And what is the reference value here, I got stuck as forgot the value.

Question. Latest carbon capture methods? What to do with captured CO₂?

Question. Explain Load diagram? What is on X-axis, what is on Y-axis? Why %?

Question. Give example of IMO codes? As many as you can. Are those mandatory? Where written?

Question. SOLAS chapter 12 explain? Why it came? What requirement is there for Lifeboat? Why only freefall?

Question. PSC onboard how to prove your all engines are NOx compliant?

Question. National oil disaster management response centre in India?

Question. Principles of Total quality management.

Question. What is the min rpm of your main engine? Why min rpm given?

Question. Discharge criteria for annex 1, and how will check instantaneous rate manually..

Question. Propeller out, rudder out in DD yard is going to fix in the propeller, what specific check you will do

Question. Master review output

Question. Loadindicator function.. Where will the BM and SF sensors located.. How many transverse bulkhead are there

Question. Cyber security notation how will propose to class

Question. You have taken bunker and left.. 3 day's later lab analysis showing 0.54, and no other bunker action as ce..

Question. EEDI criteria.

Question. Safety documents carried on board.

Question. Ballast tank close-up survey with the surveyor.

Question. Marpol convention program.

Question. Eng fire P/P failed at port – Actions as CE, need to depart.

Question. Engine de-rating.

Question. Power v/s SFOC curve & specify one significance.

Question. How much is Max sp gravity of cargo you can carry and where to find it.

Question. Quality required for CE as per STCW.

Question. EEXI, EEOI.

Question. ISGOTT.

Question. Blue, Brown, Green, White hydrogen.

Question. Inertia test.

Question. ME liner cracked while at sea. Changed it and sailed. Steps as chief engg next.

Question. Suspension, removal, withdrawal of class in what all conditions.

Question. Discharge criteria for Cargo residue from Slop tanks.

Aug 2025

22.08.2025

Internal: Mr. Shrish Kumar Sir

External: Mr. Vishwanathan Sir

Question. Vessel listed 30 degree on STBD side, action as C/E

Question. Next day you have crosshead bearing inspection, action as C/E

Question. How to calculate propeller pitch

Question. HSSE

Question. Quality manuals onboard. How many copies onboard? What is controlled and uncontrolled documents?

Question. EEXI reference line

Question. One con-rod bolt of AE found loose and 3/E tightened it, action as C/E

Question. You are reaching port in 24 hr and BWTS not working and you tried everything and also no spare onboard and you have to comply with BWTS regulation, action as C/E

Question. Difference between Shop trial and Sea trial

Internal Examiner: Shirish

External Examiner: Vishwanath

Questions asked:

Question. Joining as CE during handing over, you find 15–20 deficiencies – what will you do?

Question. 3rd Engineer signing off – what as CE will you ask before signing off?

Question. As per STCW CE's competency.

Question. Discharge criteria for Annex II cargo residue.

Question. CSR (Continuous Synopsis Record).

Question. Principle of Marine Insurance – explain insurable interest.

Question. Tonnage certificate – when issued and cancelled.

Question. SOLAS applicability wrt ships & tonnage.

Question. Inspection of ballast tank – what is edge corrosion? Actions if you find it.

Internal Examiner: Shirish

External Examiner: Vishwanath

Experience: External examiner shouted from the start, but candidate remained calm. Answered though forgot a few points.

Questions asked:

Question. PSC onboard found OWS not working – action as CE?

Question. During maneuvering, 1 main air compressor stopped working – ETO working on it – action as CE?

Question. Vessel at sea suddenly high aft vibrations – action as CE?

Question. Various liability conventions.

Question. Noise code limits for ER & ECR. Explain decibel.

Question. ORB logging – what code to use. Debunkering – where and under what code will you log in ORB?

Examiners: Vishwanath Iyer, Shirish Kumar

Attempt: First attempts

Questions asked:

- Question.** Difference between reserve buoyancy vs residual buoyancy.
- Question.** Contents of ship recycling plan.
- Question.** What is master's internal review?
- Question.** Effects of low sulphur fuel on fuel pump.
- Question.** What is non-conformity and observation? Difference between them.

28th August 2025

Brief intro, exp as 2nd engineer, which attempt.

- Question.** ISPS implementation as CE,
- Question.** PMS requirement as per ISM,
- Question.** latest developments in paints,
- Question.** flag state responsibilities,
- Question.** Hague Visby rules

Saish

26th Aug 2025. Sorry for late posting.

Internal - Shirish Kumar Sir

External - Vishwanathan Sir

- Question.** Annex II Discharge criteria. Prefresh prior leaving port...0.1% by weight ... how to convert % to ppm.
- Question.** Vetting Inspection, what vetting inspector check on cargo Pump.
- Question.** How many types of quality manuals onboard?
- Question.** Onload generator tripped on overload... action as CE.
- Question.** ISGOTT, which organisation involved... OCIMF member in India.
- Question.** Bunker 50 tonnes short ... action as CE.
- Question.** Bill of lading, Full on top Bill of Lading.
- Question.** Class Notation of last vessel. How many types of notation.
- Question.** Main Engine Tuning.

Internal: Shrish sir

External: Vishwanathan sir

Question. What has changed in IMO conventions after 2022?

Question. What are different types of PSC inspection?

Question. What is Observation, Major non-conformity?

Question. What is Derating of boiler?

Question. You're joining ship as CE and just 1 hour for handing over how will you go about it?

Internal (Shrish sir):

Question. What is 3/4th liability clause?

July 2025

Date - 21/07/2025

First Attempt

MMD Mumbai

Ext - Viswanathan Sir

Result - Fail

Question. Your vessel is at port discharging going on there is a 1 feet crack in mid ship region 2 m above water level. Your action as C/E?

Question. As a C/E how will you prepare for Cyber security survey onboard?

Question. During External Audit your Bunker Checklist is missing after giving NC Auditor is gone. Your action as C/E?

Question. He asked- In Noon Report what all you will fill up as C/E -

Question. He asked- Tell me short formula for EEDI.

what is Transport work

how will you get reference speed.

Question. How many MOU's are there for PSC.

Name the MOU which was first formed

On which year

why it was formed

Question. What are the non treaty instruments of IMO?

what about IBC, IGC code isn't it a legal bindings?

Internal: Shirish Kumar

External: Viswa

Question. Ship sailing in open sea, 30° list on STBD side—action as CE

Question. BWTS not working—port in 24 hrs—action as CE

Question. Bunkering—sulphur content 0.53%—action?

Question. IMO convention under civil liability

Question. Critical spare found onboard, but not listed—detainable deficiency. What is the procedure to include it?

Question. Dry Dock Checks

Question. CE checks propeller in dry dock

Question. Propeller push-up

Question. OWS not operating in front of surveyor.

Question. Quality manual

Question. Framo pre-drydock checks

External: Viswanathan

Internal: Shirish Kumar

Question. IMO Convention changes from 2022 to 2025

Question. Control room and engine room noise level—what is DB

Question. Unseaworthy and unsafe

Question. When class becomes suspended/withdrawn

Question. What is casualty investigation

Question. AE frequency fluctuates 57 to 60—action as CE

Question. FOB & CIF cargo damaged at sea—action as buyer

Question. Bunker off-spec—lab report received—action as CE

Interviewers: Shirish Sir and Vishwanath Sir

Question. Vessel coming out of DD—oil pollution after 2 days—applicable convention and certificate showing clean tanks?

Question. ISGOTT—who makes it? OCIMF member in India?

Question. FOB and CIF—meaning of F and CIF insurance value?

Question. As CE how do you ensure ISM implementation?

Question. In DD—boiler tube renewal—action as CE?

Question. Polar Code areas?

External: Viswanath

Types of vessels sailed

Written result

Questions asked only by Viswanath Sir

Questions:

Question. Types of PSC inspections—difference between expanded and extended

Question. What is Just Culture?

Question. What is Substantial corrosion?

Question. As CE of gas tanker—how to reduce CO2 emissions (especially during cargo ops)?

Question. ECA areas?

Question. What is Vetting inspection?, How is it different from PSC?, How is PSC inspector different from vetting?

Question. He asked: Tell me short formula for EEDI.

He asked: what is Transport work

He asked: how will you get reference speed.

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Question. How many MOU's are there for PSC.

He asked: Name the MOU first formed

He asked: On which year

He asked why it was formed

Internal - Sirish Sir,

External - Viswa Sir

Attempt-2

Written status, Experience as 2E, Types of Ship sailed

Question. Vessel lost 30-40 containers and listed 30 degree starboard side, action as a CE

Question. You are joining as a New CE, on ship with new type engine to you, what main things you would to know or focus on from Outgoing CE

Question. One of the generators had overspeed trip activate what is the course of action as CE

Question. While joining ship as a CE, how will check whether SMS is implemented in short time.

Question. EEDI Formula, where n how u get SFOC, and reference speed wrt ship is not designed yet its only papers

Question. Principles of Insurance, Insurable Interest explain.

Question. Tonnage cert in what cases it get cancelled

Question. You went to Drydock for taking yard delivery of new vessel. Class surveyor has calculated around 300 machinery on board. As a chief engineer on what conditions you will segregate PMS and CSM jobs? He specifically ask for conditions.

Question. MAJOR NC, NC, and observation exact definition as per ISM.

Question. Under which convention social Security is covered

Question. how many types of Audits?

Question. Convention involved with CLC

Question. Duties of Indian coastguard related to shipping

Question. Loadicator use and where shear forces are measured?

Question. Ship arriving port in Japan and scheduled to go 3-4 more ports; bilge holding tank full—action as CE

Question. 30-year-old ship going to Alang for scrap from Mumbai—18 hrs voyage. How will you prepare IHM?

Question. Edge corrosion action as chief engineer?

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Question. Ship classed with NK—can other class carry out statutory survey?

Question. Technical difficulties in using ammonia as a fuel?

Question. CAS (Condition Assessment Scheme)—what is the significance?

Question. Difference between segregated ballast tanks and separate ballast tanks?

June 2025.
Internal : Anirudha chakki
external : Viswanathan

Date : 26/06/2025

Question. chemical tanker construction? where it is written how many categories?

Question. imo organization structure ? committee meeting frequency ?

Question. how cargo is being categorised ?

Question. (csm)?

Question. As a CE how will you implement cyber security

Question. How will you order bunker

Question. 3e is signing off today evening ? what major things you will ensure?

Question. eedi eeoI difference ?

Amanpreet Saini

Date - 19.06.2025

Attempt - 3

Result - Reappear

Question. Functional requirements of ism.

Question. Off spec fuel received. What recourse to take.

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Question. Shaft alignment methods and hysteresis curve .

Question. Anchor and anchor chain types, materials, clearances on Anchor.

Question. Iws notation requirements.

Question. Dent on ship side found in dry dock. How to claim insurance.

Soham

Internal: Mr. Shirish Kumar

External: Mr. Vishwanathan Iyer

Question. What are documents and certificates carried onboard for bulk carrier carrying dangerous cargo and where these grade of cargo referenced?

Question. What is the requirement that one classification society can do survey for other classification society and who can put the request for survey?

Question. What are safety related documents carried onboard ship and where it is mentioned, tell me the convention name and regulations name or name the chapter?

Question. What will you do as C/E if one of the generator stopped due to overspeed trip during sailing?

Question. What will you do if any auditor gives major non conformity for not having single bunker checklist during external audit?

Question. What is carbon index of different fuels and which fuel have highest carbon index and reasons?

Question. Where are the competencies mentioned in STCW of C/E?

Avdhoot

20.06.2025

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Ex Mr Vishwanathan sir

Int Mr Shirish

Question. Recent accidents of container vessels and what's are the reason behind accidents.

Question. If vessel is sold to other party and this vessel is going for recycling to mumbai port what all things are applied

Question. Minimum safe manning documents under which regulation/convention.

Question. Methanol based ship challenges to be borne by old FO based vessel to use as methanol.

Question. How many quality based manual are there onboard.

Question. When Ism came and why/ Why herald of free enterprise got flooded when ship moved out from port and not in port.

Question. Vessel got listed 30 degrees Action as chief engineer,

Question. Recent accidents of merchant vessel.

Chaki sir internal and Vishwanathan sir external

Question. What kinds of ships + asked about type 2 chem tankers and what chemicals carried.

Question. What is CIF and FOB

Question. What is eesi, who issues

Question. What will you do if you lose containers and get 30 list towards starboard

Question. What is eedi + give technical formula

Question. What civil liability conventions apply on oil spill from vessel

Question. What is difference between flag state and port state inspection + legal jurisdiction references+ major differences

Question. 6hr prior entry in DD waiting @anchorage checks

Question. Master Review output

Question. 2 A/E running in parallel, 1 gen active, reactive output failed, effect on other gen, protection

Question. Liability Convention related to shipping

Question. LO Report Lab test Analysis report chks

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Question. IMO Non treaty instruments

Question. BWTS failure 8hr before entry action as CE

**2025
April**

External – Vishwa Sir

Question : HSSE (Health, Safety, Security, and Environment)

Question : Ship Docking Plan Scale

Question : Ship Alternator Frequency Varying from 55–65 Hz, 2nd Engineer Calls, Action as Chief Engineer

Question : How a Convention is Ratified

Question : What Provision is Given to Avoid Cargo Vapours from Passing to Different Tanks in Product Tanker

Question : ISGOTT

Question : Propeller Fitting in Dry Dock, What All Checks

Question: Ship Authorized to Carry 1.04 Density Cargo but Cargo to be Received is 1.24 – What Action as Chief Engineer?

Question : What Statutory Requirements to Operate the Ship Are Given in UNCLOS?

Question: EEDI vs EEOI / What is One Fuel Consumption That Is There in EEOI and Not in EEDI?

Question : How Will You Reduce CO₂ Footprint in Your Ship with Respect to Cargo Work?

Question: SFOC vs Power Curve, Why We Derated Engine?

Question: FOB and CIF, What is Cost in CIF, Types of “Free” Mean in FOB?

Question : Inertia Test, How Much Distance Was There on Your Last Ship?

Question 1: BWTS D2 Criteria, Define CFU

Question: Dry Dock, Check Before Flooding, During Flooding, After Flooding

Question: Types of PSC

Question : SOLAS Documents

Question: EEXI, Reference Line, Why, How

Question : Oily Water System, 15 ppm Failed, PSC Onboard

Question : MLC Social Security as per MS Notice

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Question: BWTS Inspection

Question : Ship Recycling Plan – 5 Headings

Question : Difference Between 10-Year-Old Bulk Carrier Renewal Survey and 15-Year-Old Bulk Carrier Renewal Survey

Question : ISO Kinetic in BWMS

Question : Management of Change as per ISM

Question : As Chief Engineer, What Will You Do If Tomorrow You Are Planning to Open and Check Main Bearing

Question : Pinch in Exhaust Gas Boiler

Question: Safety-Related Documents You Carry Onboard

Question: Content in SRP (Ship Response Plan)

Question : In Which Scenario Both H&M and P&I Are Involved

Question : What is the Damage Stability Criteria of a Passenger Ship and How is it Different from a Cargo Ship? What is the Requirement? What was the Attained and Required Subdivision Index of Your Ship? Tell Me the Values?

Question : What was the Service Speed of Your Ship? ~30 Knots. Do You Think It's a Fast Ship? Why Do You Think I Am Asking You This? Tell Me Fine Ship and Block Coefficient, Tell Me What Was the Value of Your Ship? Tell Me the Values?

Question: What was the Propulsion and Engine Type of Your Last Ship? [Diesel Electric, 4 Strokes + Gas Turbines + Fixed & Azipods. Rated Capacity of Each Engine? What Voltage? Answer: 11 kVA Switchboard?

Question: How Come Engines and Gas Turbines Worked on the Same Switchboard? Which Gas Turbine? What Cycle Does the Gas Turbine Work? What Grade of Fuel Used in Gas Turbine? What Colour?

Question: Challenges with Azipod Propulsion

Question : Hearing Conservation Program as per Noise Code and Duties as Chief Engineer

Question : What is Green, Blue, White, and Grey Hydrogen?

Question : What is Substantial Corrosion?

Question : How ISM Came into Force

Question: How Water Came into the Vessel? (Assumed Context: Herald of Free Enterprise)

Question : What Time the Water Entered the Vessel? (Herald of Free Enterprise)

Question : What is Class Notation? What are the Types or Groups of Class Notation? How Many Class Notations Can There Be?

Question : On Ship Have You Worked on Incinerator? What Type of Fan Is There for Incinerator and How Does It Differ from Aux Boiler?

Question : What is HKC? Why Is It Needed? What Are the Contents of the Ship Recycling Plan?

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Question: Types of PSC Inspection?

Question : ISM Always Speaks of Continuous Improvement. How as a Chief Engineer Will You Continuously Improve SMS in Your Vessels?

Question : What Are the Safety Manuals Onboard?

Question: How Was the EEXI Reference Line Drawn?

Question: What Is Management of Change? What Are Steps Involved?

Question: What are the CF of heavy oil and diesel oil and methane? Which fuel has the highest carbon and why?

Question : How does a convention come into force?

Question : Your arriving port and your OWS is non-operational... what will you do? (How to inform flag)

Question : Types of continuous survey of machinery?

Question: You are Chief Engineer to a ship just out of drydock, it's been 2 days' voyage and there's oil spill from your ship. Which convention would apply and explain.

Question: Derating of boiler.

Question : EEXI graph

Question: Audits under ISM

Question: Latest Treaty for Emissions Which Has Been Signed

Question : How Will You Know if SMS Is Effective Onboard Within a Very Short Time on Boarding the Vessel? What Are the Criteria on Which You Will Ensure It Is Okay?

Question : What Is NYPC?

Question : What Is Critical Period During Dry Docking?

Questio: What Is OPRC? Where in India Its Office Is Situated? He Wanted to Know the Place?

Question : Under Whose Direction ESI Is Issued? What Are They Measuring? What Is the Benefit to Ship Owners for Complying with It?

Question: What is the latest thing in shipping which has come last week in India?

Question: Fuel consumption is increased by 2 tons. How to go about it?

Question : What is clean ship and clean design?

Question : What is EEDI and EEOI?

Question: What is the unit of immersion of propeller?

Question : On what factor you will decide which machines to put under PMS and which ones in CONDITION MONITORING?

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Question : What all documents you will need for a new ship to sail... Not asking conventions, only documents!

Question : What Is the Procedure for Doing Wall Wash Test in Chemical Tanker?

Question : If Oil Tanker Has Come from Dry Dock and After 2 Days Did Pollution. Which Convention for Liability and Why?
Which Documents Will Prove That No Oil Residues Were There?

Question : Suspension of Class, Withdrawal of Class, Automatic Suspension of Class, and Deletion of Class According to Sequence as Asked

Question : Engine Room Overhead Crane Survey Preparation as Chief Engineer

Question: How Many Types of ISM Audits? If an ISM Auditor Has Given You Major NC for a Single Bunker Checklist Not Filled and LEFT the Ship. After That What Will Be Your Action?

Question: What All Documents Required to Carry on Bulk Carrier for Dangerous Cargo Loading

Question : What Is the Function of Loadicator and What and Where It Measures the Stresses

Question: What are the challenges of using ammonia as fuel?

Question 2: Order bunker for a 15-day voyage... what all to consider?

Question 3: Challenges of using low sulphur fuel of less than 0.5%

Question : You join onboard and find that a critical spare is missing from the critical spare list but present onboard. Action as Chief Engineer

Question: What is the criteria for casualty investigation?

Question : What is SEEMP and how you can check that it is implemented onboard and present status?

March

Attempt 1

Ext:- Vishwanath Sir

Int:- Shirish Kumar Sir

Introduction, what ship, how much time as 2nd engineer

Question. You are chief engineer to a ship just out of drydock, it's been 2 days voyage and their's oil spill from your ship. Which convention would apply and explain.

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Question. Derating of boiler.

Question. Eexi graph

Question. Audits under ism.

Question. Latest treaty for emissions which has been signed.

Internal: Chaki Sir

External: Vishwanathan Sir Oral attempt :3rd

Question. How will you know if SMS is effective on board within a very short time on boarding the vessel?

Question. What are the criteria on which you will ensure it is, okay?

Question. what is NYPC

Question. What is critical period during dry docking? I said that the ships stern should touch first he wanted to know the exact name.

Question. What is OPRC?

Question. Where in India its office is situated? he wanted to know the place?

Question. Under whose direction ESI is issued? what are they measuring? What is the benefit to ship owners for complying with it?

Question. what is the latest thing in shipping which has come last week in India?

Question. Fuel consumption is increased by 2 tons how to go about it?

Vishal Jaiswal

Internal - Chaki sir

External - Vishwanathan Sir

Oral attempt- (3 in Kolkata) (3 in Mumbai- all time Vishwanathan Sir)

So, total 6th attempt of oral.

Before starting oral only he asked experience as 2E, I said as a 2E I did only 6 months. He said that is why, you are not passing.

Question. What is difference between inspection, audit and survey?

Question. Difference between EEOI, EEDI and EEXI?

Question. What will you do as Chief Engineer on receiving off specification fuel?

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Question. Safe manning document is required because of which convention?

Question. What is difference between the scope of initial survey, survey and renewal survey?

Question. Difference between correction, corrective action and preventive action?

Question. What is the Latest thing which has come up regarding social benefits of Seafarer's in FAL?

Feb 2025

Viswanathan sir

Question. Engine room crane survey

Question. Moc

Question. Bwts not working 24 hrs before

Question. How to draw eedi line

Question. Class notations of ur vessel

Question. What are mandatory certificate

Question. Have you seen the Gz vs theta curve. What Is the area under the curve

Starts with written results experience kind of vessel

Question. As a new chief engineer onboard how will you know Ism Is effective and properly implemented on board vessel

Question. Inertia test Implications

Question. With respect to CAS he wanted something specific

Started with Gz curve angle of heel. Implications, cross curves ,kn. types of stability, different stability criteria only stops when you don't answer

Question. Eedi calculations reference. ecol how Is voyage calculations

Question. Fob & cif responsibilities and roles of seller and buyer

Question. 500 hrs of running found generator conrod bolts slack your role as chief engineer,

Question. Name few Class notation of your vessel.he wanted exact number of notations a vessel has

Question. alternate fuels which will u prefer, carbon emission values all I could recollect

17.02.2025

Attempt 4

Question. Container fell overboard on your vessel and listed to 20deg starboard action as chief engineer in
Question. GBs, what was before, what is difference in csr and in gbs

Question. Solas applicability for ships of how much tonnage

Question. Raining during bunkering operation In day time, action as ce.

Question. Latest fuel standards, what are they, names of tables

Question. Newly constructed ship, solas what criteria given for stability

Question. IMO sub committees

Question. Scope of Intial survey and renewal survey

Question. Csm codes

Question. 2 tones more consumption daily compared with previous voyage

Question. What are the areas under Polar code

Jan 2025

Shanu

21-01-2025 Internal: shirsh External: Vishwa Result: fail

Question. How to take performance of framo

Question. Chemical tanker discharge criteria

Question. According to which guideline chemical tankers are constructed, difference between IBC and BCH code

Question. What innovative method will you do to reduce emissions from cargo work on chemical tanker. What is cargo work.

Question. You join a ship there are 30-40 deficiencies you take round with an outgoing chief engineer. Will you take over.

Question. Types of PSC inspections

Question. Your ETO comes drunk. Action as chief engineer.

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Question. 0.5 sulphur fuel challenges to chief engineer.

Question. Crane Survey as chief Engineer.

Attempt No-3 Internal- Shirish Sir External-Vishwanathan Sir

Result-PASS External,

1-introduction, types of vessel sailed, experience, Attempt

Question. Bulk carrier additional safeties?

Question. Types of lifeboat in bulk carrier? reason?

Question. IMSBC Code?

Question. VIT and Super VIT?

Question. Docking survey? frequency??

Question. How to improve CII rating as CE??

Question. Fal convention?

Question. what you do as CE, When you find more vibration at particular area in ships?

Question. Difference between CLC and Bunker convention?

Question. Name pollution prevention convention?

Question. CIF incoterm? cargo damage Mid sea how to proceed??

**2024.
Dec**

Nishant Sharma 27/12/2024 Int Mr. Shirish

Ext Mr. Vishwanathan Attempt-3

Question. Noon chit,

Question. Content of hearing conservation program

Question. Content of seafarer social security program

Question. Induced draft fan in incenetrator why?Said to remove excess air n gases,create vaccum..smiled back and said no

Question. Content of. Coating technical file,

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Question. Observation NC major NC difference.

Question. Defination of length of the ship

Question. Off spec fuel analysis report what to do?

Question. Liner cracked same replaced and resumed the voyage reporting to be done as chief eng.

Question. Sea trial report content and crash astern test done how much distance and time taken values as per sea trial.

Mayur More

Internal Shirish sir

External Vishwanathan Sir Attempt 2

Question. Checks on fram system before dry dock

Question. Loadicator and the metacentric diagram

Question. How international convention is enforced

Question. Which fuel has maximum carbon emission factor

Question. Risk and hazard explain

Question. On round with relieving ce find out 40/50 observations on deck, galley, engine room, will u take over.?

Question. Economiser efficiency/performance (did not understand the question)

Question. How many numbers of class notations (only give numbers)

Question. Quality manual onboard

VJ

Internal: Shirish Kumar Sir External: Vishwanathan Sir

Type of Ship

Have you sailed as 2/E after class 2, how many months ?Written Result and when you appeared for Written Which attempt of Oral - From Which institute Prep course

What type of propulsion on your last ship. What voltage system

Question. What is a common point on a High voltage ship? How many wires system -3 Wire or 4 Wire & Why?

Question. If a Indian flag vessel goes to EU port what all documents the vessel require to carry as per BWM ?

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Question. Have you heard of Seafarer social security program? Where will you find it –
MS Notice, DGS Website

Question. Content of Seafarer Social security program.

Question. EEXI, What is reference line in EEXI

Question. In order explain - Correction, corrective action & preventive action

Question. What is code 30? What is code 17? Differences and implications between both codes given by PSC?

Question. How many types of Ships as per ISM?

Question. Polar code

Question. Which all conventions for Civil compensation ?

Dinanath Jambhale Date 27/12/2024 Int - Shrish sir

External-Vishwanathan sir

Question. Slop discharge criteria

Question. ESI? Who issue it?

Question. How you prepare engine room crane for survey?

Question. CAP details

Question. BDN have 0.53 percentage sulphur action as chief eng.

Question. Main engine fuel oil consumption high from 2 days by 2 Ton action as chief engg.

Ashwini Kumar Gupta Int-shrish kumar Ext-vishwanathan Attempt -1

Types of ship done after class 2, sailing exp as 2nd engineer.

Question. in respect to cargo pumps in chemical tanker, preparation for dry dock.

Question. bwts D-2 discharge criteria.

Question. Slops discharge criteria in oil tanker and chemical tanker.

Question. noise code

Question. Minimum safe manning comes under which conversion.

Question. eedi and eeoI

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Vish

Question. Ism continuous improvement where it is mentioned.

Question. HSSE.

Question. New ship delivery. Action as c/e for mlc implementation.

Question. Full set of b/l.

Question. ship fuel consum gone up by 2 ton and sfoc is ok. What is the reason how will you confirm if hull is fouled or propeller is fouled

Question. When the class of ship is deleted. If ship is lr classed can other class statutory survey of vessel, if yes which survey can do.

Question. marpol annex 6 doc and certificates

Question. Costal state duties.

Question. What will you check as a c/e when fitting back propeller after all survey completed.

Question. MOC.

Question. Documents on board.

Question. Liability related convention.

Question. Class notation.

Question. EEDI & EEOI. Fuel cal difference.

Question. CIF & FOB incoterms.

18/12/2024 (tushar kumar Srivastava)

Attempt -2

Mumbai

Vishwanathan sir & Shrish sir

Result- repeat

Question. You are CE on a 30-year-old ship (Built 1994 he mentioned), vessel in Mumbai port and you received call that ur vessel sold to recycling facility in Gujarat where you have 18hr sailing, now plan as a CE before arrival to Gujarat for recycling.

Question. ME crank shaft deflection, where will be min deflection

Question. What Is ESI

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Question. You are CE on A yard delivery ship your super asked you that segregate your all 300 machineries in CBM & PMS, he said don't name any machinery tell me criteria

Question. Chem tanker Slop tank disch. Criteria

Question. On board Management review you attended as a part of top 4 on ship, output in your opinion will be what?

Question. How an EIF will take place for any convention-

**Abhi
Vishwanathan Sir
Internal - Shirish Kumar Sir**

18.12.2024 Attempt No. - 5

First asked about CDC., No. of attempts & pre sea training, Preparatory Course. Written result

Question. Problems related to engine while use of 0.5 sulphur fuel.

Question. Mate's receipt

Question. Angle of repose

Question. Nox tiers, which tiers in action, Limit.

Question. Tacit acceptance.

Question. Tail shaft survey Method 1,2 & 3.

Question. Imo structure and functions of council.

Shanu Kumar - Viswanathan sir 18.12.2024

Question. What is the difference between fire safety operation booklet and fire training manual?

Question. What is the requirement of EEDI, new changes in Marpol annex VI?

Question. 0.53% sulphur in fuel, only 10 days fuel left and is the only fuel remaining onboard, ur course of action?

Question. How to order fuel for the next voyage?

Question. 2E reports to CE that frequency of AE jumping from 60 HZ to 57 HZ, course of action?

Question. OWS inspection was carried out by PSC and before that half an hour time given for preparing OWS, 15 ppm alarm Coming and going frequently, PSC is telling to detain the vessel, ur course of action as CE?

Question. what is gbs standard what was earlier standard, how it is different from CSR.

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Rakesh Sharma 18.12.2024.

Vishwanathan Sir

Question. Port side crack found during cargo operation 2 mtr above the loadline, as a ce what is your action?

Question. Management review, input & output.

Question. Work Safety culture, which related document?

Question. CIF, Cargo damage 3 days before arrival at destination. Responsibilities of sipper and buyer?

Question. Owner definition in clc and bunker, why different?

Question. Propeller fitting and shaft any relation,
relation wrt unit#1 and marking, what is exactly marking and why it is there?

Kundan

Vishwa saab

Question. your 4th engineer got Injury. action as a chief engineer

Question. Document and certificate difference

Question. Induced and forced draft/ incinerator what kind

Question. D2 standard details what is unit.

Question. additional safety in BC

Question. Nh3 as fuel technical issues only

Question. how psc categories of your ship for inspection

Question. When p & I and hull insurance come together

Question. next day survey of your engine crane,what inspection you will do?

Question. what to check when you go inside ballast tank?

Question. 3d engineer handover having less time, what all things you will make sure as per chief engineer

17/Dec/2024

Int-Nair sir Ext - Vishwanathan sir

Question. which certificate has 1 year validity

Question. How many total certificates on ship only number

Question. Docking plan details

Question. Noise code hearing conservation program

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Question. Bilge tank full just ahead of long sailing what to do and no shore reception facility.

Question. Off spec fuel received no port of refuge 10 days of sailing and no other fuel available onboard how to proceed.

Question. Offspec fuel lab analysis report received 3 days after bunker Actions as chief engineer

Xq why inform port of bunker/Why inform flag state/Why inform insurance

Question. Rating of alternator and details.

Question. Motor was landed shore for rewinding and came back what all to check before putting back in use.

Question. Main engine economiser efficiency.

NOV

Int - Sirish Ext - Viswa

Sailing experience as 2E, Type of ships, Attempt number.

Question. Coating Technical File, its contents, what are chapters.?

Question. CoP 29, What, when where, present outcomes?

Question. Gbs, what was before GBS?

Question. CIF incoterm, under this Cargo is damaged underway, What are status of Shipper, Receiver and Carrier?

Question. Close up survey. Ballast tanks procedure, what is edge corrosion?

Question. Noise code, CE responsibility?

Question. What safety documents are carried onboard?,

Question. Joining ship completely new engine type for you, no experience on the engine, what to do?

Vishwanathan4:

Question. Discharge criteria slop

Question. Engine room crane survey

Question. Scope of initial and renewal survey

Question. Propeller refitting procedure in dry dock. What exactly u will check while fitting propeller in drydock

Question. CII E ..what action?

Question. Bilge tank full in port...u need to go for another 3 ports ..what action

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Question. Load indicator....sensors fitted

Question. Load diagram..

Question. Propeller immersion criteria....

Question. Classification of codes under IMO

Question. What is injury classification by imo?

Akshay Srivastava t: Int-

Vishwa

Ext Shirish

No of attempts written result and Preparatory institute name.

Question. Cif and fob

Question. Esi

Question. Noise differentiation of ECR and Engine room.

Question. Based on Ism difference in Correction, CA and PA.

Question. Bunker standard? New amendment as per iso8217:2024.

Question. Different density grades of cargo carrying norms.

Vinesh varghese 18/11/24

external: Vishwanath

Question. UNCLOS statutory requirement not certificate

Question. Deep well pump motor showing low insulation resistance what actions as CE to improve it

Question. Motor sent to workshop for rewinding what inspection to be carried as CE

Question. ME Crosshead survey preparation

Question. Ballast water system not working when arriving at port what actions as CE

Question. Major repairs carried on boiler what actions to put it in use

Question. How to draw EEXI Reference line

Jaiswal

18/11/2024 internal - Shirish Sir

External - Vishwanathan Sir

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Question. How to load high density cargo in Chemical tankers. Maximum density cargo which your vessel can load. What if more denser cargo is there? What to do when you load high density cargo in **Question.** What to do if pin hole in the 3rd pipe of Framo Pump?

Question. What to do if out of 3 AEs. One of AEs T/C is damaged completely beyond repair and you are on sailing? Action as CE?

Question. What is SEEMP where it is in your vessel? Part 1,2,3? How you will know that your vessel is following SEEMP?

Question. Different types of X,E,G survey of Class?

Raghvendra Singh

19/11/2024 Ext: viswanathan Int: chakki

Intro and no. Of year in rank, number of attempts

Question. As a incoming ce to old hand company ce wht is the single most important. Thing you will ask

Question. What is the discharge criteria for chemical tanker

Question. Latest amendment from sep 2023 to nov 2024 at least 4

Question. As per FAL conv. What is latest about crew welfare

Question. As per metacentric diagram. how will u tell if a ship is stiff or tender

Question. Boiler derating.

Question. Engine power curve

Question. Isgot what and why

Question. djibouti code of conduct parties of it

Question. engine D rating why we do how to do

Question. as a chief engineer what you will do on a container ship to improve carbon dioxide emission except design changes

Question. engine room plate damage from tugboat how will you prepare repair specification

Question. crack in Blast Tank about 2 m how will you repair

Question. cargo loaded on CIF bases got damage in voyage what will happen to shipper buyer carrier

Question. In what condition to go off hire of a container ship

Question. how will you ensure fire safety in dd as a chief engineer

Question. Cas and cap who prepare and who approve

Question. As a CE how will u know if SMS is being compiled on your ship

Question. Management of change

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Question. How to create a safe working environment on ship

Question. In what case h&m and P&i come together

Question. How will you show to a surveyor if a vessel is compiling with nox emission

October.

Int- Nair

Ext- Vishwanathan

Question. crack in mid ship above load line of 2 cm action as ce

Question. hong kong convention certificate

Question. Master review interval

Question. Fal amendments

Question. TQM

Question. EEXI Line

Surveyor Int- Praveen Nair External- Vishwanathan Result - Repeat

Question. 0.5% S fuel. Challenge faced as CE

Question. What is P and I in P&I? What is their significance?

Question. What all documents are as per IMO onboard?

Question. what is inertia test in Sea trial?

Question. Difference between Shop trial and sea trial?

Question. Psc Onboard and find while trying out Ows malfunction, so what will u do? Is it detainable?

Question. External auditor came onboard and found bunker checklist missing? He gave MNC and left what is your action?

Question. What all are requirements for deciding SMD?

Viswanathan

Question. Docking plan layout

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Question. Stability diagram layout

Question. 0.55 sulphur fuel , ship in mid sea , no other fuel available , action

Question. Propeller checks in drydock

Question. CAS

Question. New ship how will you categories which equipment will go under CSM and which will go Under PMS

Question. ME bottom end bearing survey preparation

Question. Safety documents onboard not certificates

Question. Ballast water discharge standard difference between US and IMO

Question. Coating file

Question. Auxiliary Engine survey and it's requirement

Question. Seaworthy and unsafe vessel difference

Question. Initial and renewal survey difference

Question. Nox and sox regarding MEPC 81 and 82 and explain fully difference between mepc 81 and 82

Question. Why psc regime came.

Question. what type of incinerator fan used. Why we don't want smoke. Why u don't want forced draft fan.

Question. Con rod bolt loose n 3rd eng came and told he found it loose & tighten it , what is your reaction and action.

Question. leadership skill as per stew 3/2.

Question. how many liters paint required for bottom how to find out.

Question. Boiler safety valve setting how will you do.

Question. U order a valve of cast steel how u will find out its cast steel or not.

Question. Noise code and limits. What is unit db means and meaning of coefficient in it.

Question. Lube oil analysis report what will you check first.

Question. Under ms notice what social security is being discussed.

Question. Ballast water tank inspection what all u check. What class say about it. Ballast k areas is 2000 m3 so how u will check each part [want detail as per class requirement.]

Question. Stress concentration of under water part how will you know

Sept

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September.

Question. As a Ce how you will prepare for drydock for fram pumps maintenance (2months remaining)?

Question. What is the difference between SSH and Additional Survey

Question. IBC and BCH code details?

Question. bch came early and ibc after that, how can one refer ibc for bch cargoes?

Question. Slope discharge criterion ?

Question. Renewal survey ? Extension provision?

Question. P and I ?

Question. EEDI Detail ? How you will draw EEDI baseline

Question. GBS in details?

Question. Ballast water convention, what you know.

Question. What is Condition of Assignment?

Question. Coating technical file?

Question. Dry dock survey?

Question. Received bunker in a port and 3 days later lab analysis shows 0.53 sulphur %. Action as Chief Engineer?

Question. Types of PSC inspections?

Question. CSM Survey? What can't be done by Chief Engineer?

Question. ROs recognised by DG?

Question. Onboard Complaint Procedure?

Question. DOC & SMC

Question. Definition of NC & MNC?

Question. What is Unseaworthy Ship as per MS ACT?

Shiv Jadhav External- vishwnathan Attempt 1

Preparatory class which institute.

Written result.

1 .type of ship 2.cargo type

Question. Insurance principal of insurance/ Explain insurable interest,

Question. cif

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Question. Cas

Question. ship is going to scrap from dubai to Alang, what will be status of certificate and insurance

Question. Quality manual onboard how many and name.

Question. Auditor gave MNC, regarding bunker checklist not found on board, action as CE.

Question. Criteria in Unclos, according to IMO for ship..

vishwanathan and chakki sir

Question. PV valve setting and testing

Question. Extensive repair on boiler done. recomissiong of boiler

Question. Discharge criteria for oil tanker

Question. Csr

Question. Corrective action and preventive action

Question. 15 ppm not working. psc going to detain what action

Shashank Mishra

18/09/2024

Mumbdi mmd

Int: chaki

Ext: Vishwanathan Types of ship sailed Exp as 2e

Question. Diff bw dedicated ballast tk and segg ballast tk ?

Question. Ig high o2 and 9% actions as ce ?

Question. How to calculate paint reqd for ship ?

Question. Cargo loaded at 50 deg abd to be discharged at 50 deg plan for heating ?

Question. Clean ship clean design notation?

Question. boiler setting of safety valve?

Question. Class society other than your ship class society, what all surveys can do?

Question. Ship recycling plan chapter headings ?

Question. Imo vs uscg bwmc diff as per D2 ?

Question. Documents carried as per unclos ?

Question. Documents reqd on ship as per imo ?

Question. Non treaty instruments ?

Aug

Gadkar Sir, Kamat Sir,

Internal: Chaki Sir

Question. ISM implementation on new ship

Question. Itc, ihc

Question. Pssa.

Question. Human element, human factor, human error difference?

Question. PA/CA with example,

Question. SEQ survey preparation?

Question. COA explain, -Then what r all related to ER,

Question. Casualty investigation code,

Question. CSR,

Question. Co2 maintenance routines,

Question. ISM element 10

Question. ESP,

Question. Solas Chapter XII

Internal Shrish Kumar External - Vishwanathan Attempt: 1

Intro:

Experience as 2/E, product tankers.

Question. Vetting vs PSC

Question. ISM functional Requirements

Question. specific number of SMS Manual copy onboard.

Question. After the 2nd Renewal survey, how many surveyors will carry out the next survey ?

Question. Derating of Engine - Why and How ?

Question. What is COP ? What is adoption done after COP 28 ?

Question. DUTY AB reported - ETO drunk after shore leave. Action as CE; what is the max reading onboard and in blood sample ?

Question. Loadicator for tankers : What all values will be obtained from it ?

vishwanathan.

Question. WHAT ARE THE CERTIFICATE B/C CARRY WHILE CARRYING DANGEROUS CARGO.

Question. What are the checks carried out after refitting the propeller in dry dock.

Question. What will you do if bilge tank get filled and you . [Bilges full approaching port where no reception facility.]

Question. eight principles of Total Quality Management.

Question. Which clause are found both in p&I and h&m

Question. You are c/e and ship is in port Chennai 7 vessel has to depart next morning, at night you come to know emergency pump not working and you can not repair or order spare. What will you do.

Question. You are c/e and 3rd eng is signing off at night and new 3rd eng / is coming in the morning only what will be your action.

Question. How will you prepare for xhead bearing survey.

July

Internal chaki. Ext. vishwanathan.

Question. Condition of assignment.

Question. Hull crack action as chief engineer.

Question. Fuel received 0.53 sulphur action as chief engineer.

Question. Miller cycle in 2s engine.

Question. U join ship and with half a day how will you assess implementation of ism.

Question. Cas.

Question. Iii code.

Question. Load line multiple load line.

Question. Cii its applicability. Cii for coming years.

Question. Tail shaft survey.

Question. Bilges full approaching port where no reception facility.

Question. New 3rd engineer joining and handing over time is less what are your instruction for 3rd engineer.

Question. Imo structure,

Question. Renewal survey.

Question. BWM D1 D2 standards in detail.

Question. Armed robbery and piracy for SUA? Djibouti code---What difference?

Question. EEDI, EEOI - What are they? What are the units? Which calculations are done extra in EEOI? Which fuel calculations are excluded in EEDI? What exactly in Boiler consumption is excluded?

Question. What is the role of Facilitation committee? Tell me the highlights and what latest things are they working on.

Question. What do you understand by Tacit acceptance procedure –any one example. What is meant by signature, acceptance, ratification and accession? How do you differentiate?

Question. What do you understand by safe working cultures? Tell me the highlights. Don't get confused with safe working practices. Which document does safe working culture derive reference from?

What's the difference between safe working culture and safe working practices? What all things are mentioned in COSWP?

Question. As a CE how will you show NOx compliance to PSC ? How can you confirm from Engine data that it is maintaining compliance with NOx.

June

Question. Loaded ship reached discharge port, once you are alongside a crack on the port side is reported, one foot long 2m above the waterline around midship area. Action as CE? Why will you check on the stbd side? Where is it given?

Question. World Port Climate Initiative- what initiatives are

Question. Dangers of carrying Alumina as cargo. Chemical composition and chemical name of Alumina.

Question. Which convention discusses principles of safe manning. Discuss conditions for safe manning.

Question. As a CE, challenges of using fuel <0.5% sulphur.

Question. How does IMO classify marine casualties?

Question. Common thing bet H&M and P&I.

Question. What 'documents' must be present on every sea going ship w.r.t. safety?

Question. Role of CE in Noise code, Hearing conservation Program.

Question. W.r.t NOx, differences between Engine family and Engine Group.

Question. Applicable tonnage for SOLAS convention.

Question. What type of blower on Incinerator? Why Induced draft? Why not forced draft?

Question. Your daily consumption has gone up by 2T daily compared to last voyage. Action as CE?

Question. STCW Table A-III/2, what is it for? Explain the last competency mentioned in the table.

Question. How will you understand during sailing that rudder is holed

Question. Higher density cargo in chemical tanker can u load

Question. What is meant by engine tuning

Question. What are non treaty instruments of IMO

Question. What is essential ingredient of implementing safety culture onboard

Question. Ballast tank inspection with surveyor what all to check

Question. How are imo instruments adopted

Question. BWTS failed while reaching port, actions

Question. 18 yr old ship after extensive repairs on boilers what to check

Question. CIF and FOB

Question. Bwmc

Question. Moc

Question. What kind of turbo charger on ship in main engine

Question. How to calculate paint required for hull

Question. conventions what all Statutory certificates under unclos

Question. TQM principles

Question. What documents required under imo file under ESP

Question. loadicator

Question. psc inspection,

Question. 15 ppm not working, detain, your reply as ce/

Question. odme input and output /

Question. new liner replaced in me in 1 unit duties as ce /

Question. marpol ODME discharge criteria/

Question. by seeing name plate of engine identify tier?/

Question. max noise limit in engine room and control room

April

Mr.Vishwanathan -Ext

Mr. Nair (i think) - Int

Type - LPG , Intro

Question. what are the sensor available in cargo gas tank

Question. How you know your seemp plan made sucess ?

if your seemp rating E then whats your action and whats the process name called ?

Question. Standard of ballast water convention what is D3 standard & process ?

Question. Cfu ?

Question. Why Ro code came ? oversight of Ro and who reporting to imo and how ?

Question. Non mandatory treaty of imo ?

Question. what is GZ ? in GZ Diagram what is x axis and y axis

Question. what is reserve buoyancy and residual buoyancy

Question. In drydock , propeller check as a ce ? what are the checks you will carry out ?

Going to dry dock waiting out 6 hrs time what actions with respect to stability inside dry dock, checks carried out on ship

Question. proceeding load port after dry dock.. oil pollution which conv, what document you produce to prove

Question. going inside ballast tank key feature you check

Question. when can a class can be suspended

Question. latest class notation

Question. ammonia difficulty in 2 stroke engine, calorific value of fuel

Question. main factors driving cas proposal

Question. lodiacitor..used for what purpose. BM where it is measured.

Question. blue hydrogen white grey

Feb

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Int: Shrish Kumar
Ext: Vishwanathan Sir

Type of ships and rank experience.

Question. EEOI calculation on container ships and relevance as a Chief Engineer.

Question. Elements of safe working practices.

Question. Length of vessel as per tonnage convention.

Question. Blue, Green and White hydrogen.

Question. Action if Bunker sample Lab Test 0.53%.

Question. Renewal Survey.

Question. Alcohol limits and calibration of alcohol meter.

Jagdish Kadam
Attempt 1

Viswanathan and Brij Bhushan

Question. Isps assessment who carries out

Question. Code 17-code 30 difference

Question. Crack on hull above water line steps as CE

Question. Vessel detained steps as CE

Question. Noise code steps as CE

Question. ESP what is substantial corrosion

Question. Why ISM came case study

Attempt: 4th

Type of ships and rank experience

Question. Parametric Rolling

Question. Basel convention

Int: Shrish Kumar
Ext: Vishwanathan Sir

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Question. Difference between Audit and Survey

Question. Name three alternative fuel, their details and problems in their adoption

Question. GHG emission strategy, targets

Question. Sua convention

External vishwanathan sir

Internal shrish kumar sir

Attempt 3

Question. How chemical tanker is constructed

Question. Bwms failure before arrival

Question. convention enforcement

Question. India in imo

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25.01.2024
Int. Srirish
Ext Vishwanathan
Repeat

Question. Paint requirements How you calculate paint Thickness of paint

Question. Cross curve of stability.. where G lies

Question. Have seen eedi graph Why doted line...

Question. Isobar kinetic connection in bwts Why and where...?

Question. Dry Cargoes classification as per IMO,

Question. new about ECA area

Question. Difference between definition of bunker and CLC, why different owner

Question. How to make ssp when in the office for new ship, you have not gone onboard yet, so formulate a plan

Question. Construction of bulk carrier

Question. Kamsarmax bulk carriers dimensions

Question. EEDI technical files contents

Question. How will you find out hull design Which document is it given in.

25th Jan 2024
MMD mumbai
Int shirish
EXT Vishwanathan

Question. Cold box in oil tankers ? Why in chemical tankers

Question. SEEMP implementation check onboard

Question. Which marine fuel has highest carbon index.

Question. H&M and P&I come together and for what cause.

Question. MOC in ISM

Question. How EEDI reference line is calculated . What about EEXI

Question. propeller immersion in which IMO convention

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Question. Boiler test before commissioning.

Question. How to calculate thermal efficiency from SFOC

Question. Engine group and family and how NOx is implied?

Question. Principle of safe manning.

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Amandeep singh

22/01/24

External: Vishwanathan sir

Internal: Chaki sir.

Question. Types of audits in ISM

Question. Class suspended, withdrawn, deleted difference

Question. Latest fuel oil standard guidelines

Question. What all liability conventions?

Question. No more favourable treatment

Question. Can any other RO do statutory survey other than Your ship Class.

Question. De-bunkering code used in ORB.

Abhishek Goel

Chaki sir and Vishwanathan sir

22/01/2024

Type of ship Experience Type of engine

Question. What is the meaning of engine is balanced, how to make sure that, action if one unit exhaust temp is high

Question. FOB

Question. Principles of insurance

Question. Ows did not work properly in front of psco? What action as ce ?

Question. Did india ratify ballast water convention, can an Indian ship go to foreign port, what is soc .when convention eif .applicability?

Question. CA & PA as per ism

Question. What MEPC session and when it held? What's the frequency of mepc meeting

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2023

Abhinav

Vishwanathan sir and Shirish Kumar

Vishwanathan sir

Type of ship

Question. chemical tanker types and discharge criteria according to and 2.

Question. Docking plan contents, paint scheme

Question. Styrene monomer carriage safeties

Question. How ports can help us to reduce ghg

Question. What is cop and what was the outcome of last cop

Rakesh Nehra

Attempt 1

Mumbai- Viswanathan

Type of ship

Question. One unit exhaust temp is high- what to do

Question. Diff bw bwts and uscg standard

Question. Put shaft generator how power diagram will change

Question. Role of underwriter

Question. When do p& i and h&m come together

Question. Safe manning certificate- where mentioned

Question. Slop discharge criteria

Question. Latest class notation

Abhi.

Attempt 3

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Mumbai- Mr.Vishwanathan

Asked about Written result(I Gave in June, he Said since no result considering u have not cleared written)

Type of ship

Question. Categories of Solid bulk cargoes

Question. FOB and CIF in detail

Question. Safe Manning Document under which resolution (I forgot) and details.

Question. Dry dock entry tmrw and today evening what actions that stability wise no problem occurs while entering.

Question. Bunker checklist missing and NC given by External Auditor. Actions as C/E.

Abhishek Sikarwar

Mmd mumbai

17.072023

Interrut- Mr. Sirish kumar Sir External- Mr. Viswanathan Sir Attemptno.5 Result-pass

Question. Define owner In clc92 n Bunker and differences between the definitions

Question. Imo structure and committee

Question. Main engine xhead bearing survey how u will prepare for survey.

Question. Carbon Intensity and which fuel has the most carbon content.

Question. Ballast water conversation and few general questions.

First attempt

External..vishwanathan

Internal..sirish Kumar

Question. Container ship stability how to maintain during loaded..

Question. stability curve. .what is GZ GM. What GM for container ship

Question. Purpose of side ballast tank in container ship

Question. EEDI

Question. NOISE CODE.. Hearing conservation program

Question. polar code details and areas

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Question. safe manning documents ..

Question. What is certificate and documents diff..

Question. P & I AND H& M comes together or not example

Question. latest IMO meetings

Question. Using 0.5%^s fuel...challenges faced

19/06/2023

Surveyor-Vishwanath

Piyush Agbattalwar

Question. Purpose of loadicator, unit of SF & BM.

Question. NEW ship def as per bwm conv.

Question. MOC.

Question. Types of audit as per ism. surveillance audit.

Question. How to identify engine compiled with tier 2 or 3 by looking at name plate.

Question. Significance of area under stability curve.

Question. What is COP. When was last conference. Agenda.

Question. MS notice related to social security.

Arnab 19 june 23

External visvanathan sir

Internal sirish sir

Introduction

Question. In EEDI phase 1,2,3 what is carbon emission reduction.

Question. Cif and fob. What does cost mean

Question. Stability checks to be carried out prior drydocking.

Xq for what is critical period.

Question. Offspec fuel lab analysis report received 3 days after bunker Actions as chief engineer

Xq why inform port of bunker/Why inform flag state/Why inform insurance

Question. Condition assessment scheme

Question. imo model number and contents

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Question. How to set egb safety valve

Question. Coating technical file contents

Surveyor-Vishwanath

Question. ME ENGINE FUEL PP TIMING.

Question. Propeller immersion significance what is it, How much, Measured in. Why introduced. Who are affected Why imo came in picture. Guidelines for same

Question. CIF - cargo damage while on ship , liability of Shipper, Owner, Buyer.

Question. AE con rod bolt loose,3E tighten as per torque what action as CE

Question. Types of Casualty. Definition. Who is responsible

Question. Diff between documents and certificate

Question. List documents as per Solas

27/04/2023

Vishwanathan

Question. Definition of bulk carrier

Question. Dry dock why required what requirements

Question. Received fuel with 0.55% sulphur what to do

Question. Crack on port side ship in port, what will you do as c/e

Question. New ship eedi not meeting what will you do

Question. Derating of boiler

Question. Crew and officer salary not received from past 3 months what will you do as c/e

Question. Principles of marine insurance, explain them

Mandar Bagade

26/04/2023

Internal: Chaki

External: Vishwanathan

Attempt: 1st

Asked about written result. (I have given in this month only)

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Question. What types of ships have you done?

Question. What types of cargo pumping systems?

Question. With respect to the frambo pumping system, how would you prepare 3 months before the DD?

Question. What are the documents (not certificates) required with regards to safety onboard the ship? How many certificates are there?

Question. Noise code?

Question. When is the last MEPC meeting conducted? How often is it conducted? What all is adopted in this MEPC?

Question. What is COP?

Question. What is EEDI, EEOI, EEXI? / Why are they called indexes?

Question. How will you record bilge evaporation in an oil record book?

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**Suman Akireddy
Viswanathan and chakki sir,**

Attempt 1:

1.type of ships sailed and rank experience

Question. Vessel about to enter Dock, u have 5hrs time what you will prepare for safe docking

Question. stability booklet and chapters. what booklet saying for docking

Question. ISM implementation onboard how will u know just after joining the vessel

Question. NC definition

Question. Which Marine fuels having highest carbon content

Question. What is inertia test in sea trial

Question. How will u prepare for main engine crosshead bearing survey

Question. on what are all conditions, tonnage certificate will be cancelled

Question. Coating thickness file details

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Angad Dev

Date: 25/4/2023

Internal: Shirish sir

External: kapoor sir

External: Vishwanathan sir

Introduction/ship type:

Question. STCW, amendments, Manila amendment, STCW code

Question. STCW chapter 7 and 8 in detail

Question. Solas and Solas ch.15

Question. Me engine: meb, mec, meg-i-ga

Question. ISM code all elements

Question. Inventory management

Question. Class /statutory certificates

Question. What are NCV ship's

Abhishek Sharma

Ext Vishwanathan sir

Question. Requirements to mentioned for charterer as Chief engineer

Question. Action in case of MNC

Question. Ballast water USCG vs IMO

Question. Categories of casualties as per IMO

Question. Challenges faced by CE due to low sulphur fuel

Question. H&M and P&I relationship

Dec 2022

Roshan

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21-12-2022
Int. Chakki
Ext-Vishwanathan
Attempt-2

Question. Why is Ing capacity in m3

Question. How is Ing pump motor cooled

Question. NO Of IMO conventions

Question. Can flag state have rules above these conventions. this scenario can PSC detain vessel if ship doesn't comply with these stricter flag rules.

Question. definition Of substandard ships

Question. How to set safety Valve for exhaust gas boiler

Question. what to do if salary not paid for 4months.

Question. What is a new ship as per any convention. What is the date of keel layed called.

Question. while bunkering it Starts to rain. what actions you take as C-e

Question. How is reference line for EEXI calculated.

Question. Condition of assignment

Question. Definition Of watertight door and weather tight door. Testing procedures for both.

Question. What is freeboard deck

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Neil SonaIkar

21st Dec 2021

Int: Anniruddh Chaki Sir

Ext: Vishwanathan Sir

Attempt:S

Result: Pass

Sailing exp. preparatory course which institute. written results

Question. What is the meaning of Cargo work in EEOI. How u reduce

Question. C02 emissions during Cargo work.

Question. You have joined a ship where the outgoing CE is about to depart and u have to take over, what is most important thing u will ask him before taking over.

Question. On oil tanker have u seen GZ curve of stability. How is the GZ

Question. for tender Ship n Stiff Ship. In which will GM be more.

Question. Contents of Ship recycling plan.

Question. Ship reaching Japan and bilge tank is full. No shore reception facility available. HOW will u manage.

Question. What MOC

Question. MEPC 79 highlights

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Shas hank

21.12.2022

Chaki Sir

Vishwanath an Sir

Written result

Attempt

College

Preparatory course institute

Type Of ship Chem

Question. Performance of Framo.

Question. Carrying high density cargo precautions risks

Question. What is ISGOTT

Question. Instruments Of IMO

Question. Action liner cracking at sea.

Question. Ballast tank inspection key areas

Question. Incinerator Fan type

Question. Drydock propeller fitting back. How to ensure?

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**Vishwanathan
senthil**

Attempt 1. Repeat

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

Question. What is super cargo

Question. Guidelines for Condition Assessment Scheme

Question. diff bw CIF FOB

Question. bwts failed 24hrs b4 port actions as CE

Question. COP 27

Question. MEPC 79

Question. Fuel oil non-compliant actions as CE

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

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

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

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

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Senthil

Question. Difference bw scope/objective of eexi and eedi.

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**SHIBU Sadasivan
Ext Viswanathan sir,
internal: Senthil sir**

Question. MEPC 79.

Question. EEDI why the reference line cut off is at 400gt.

Question. CSM survey, what C/E cannot survey needs surveyor presence.

Question. Ship reaching port 4 months' salary not paid by company action as CE.

Question. ODME not working ship reaching port Action as CE.

Question. Leadership qualities for CE as per STCW.

Question. CSR why u need form 3.

Question. Ae frequency changing action as CE second engineer called u in your cabin. /You are staying in cabin and 2E watch he called you and saying one generator is running and have issue of frequency fluctuating action as CE.

Senthil:

Question. Taking over as CE what all will u check tell important aspects only.

Question. Your sludge and bilge quantity are full the port has no reception facilities will u take over.

Question. If PSC in report gives applicable to RO What it means?

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**Int senthil
external vishwanathan**

Question. For a ship loaded, ballast and in dry dock where are stresses maximum and why?

Question. Discharge difference between chem tanker and oil tnk, why underwater for chem tanker

Question. Cross head survey preparation as CE

Question. BIMCO clause for charter party influence on CII

Question. SEQ survey difference in annual and periodical.

Question. Why no codes for an oil tanker, as there are IGF for gas tanker and IBC for chem tanker.

19/12/2022

**Int - Senthil Kumar
Ext - Vishwanath**

Ext

Introduce... (I have sailed on Gas carriers)

Question. What was MARVS setting? How marvs works.

Question. Inertia test during sea trial

Question. Incompatible fuel 0.53 as per lab test- actions

What is confidence test?

0.53 as per BDN now what?

Question. How to check ISM implemented on first impression.

Question. Diff between document and certificate

Question. Contents of SRP - not just 2-3 points. He said there are 4 paragraphs

Question. Acceptable limits of noise in ER & Control room

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Question. List of Liability conventions

Question. Exhaust temp high of one unit and low of other unit. Actions

Question. Last ship engine

Question. What checks while yard is fitting propeller

Question. Full form of ISGOTT

Question. What are Polar regions as per code

Question. What are IMO non-conventional treaties

Mr. Senthil kumar

Question. OWS not working before arrival - actions as CE

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Attempt no :2
Mumbai mmd (Imran shaikh)
Surveyor: sir vishwanathan n senthil sir

Written results asked when you cleared.

Oral which attempt.

1)Introduction

Question. main engine liner Crack action as C/E n after repair what next ?

Question. 3/E new in rank what you will do as C/E?

Question. wall wash chemical tanker how you do and what you check for .

Question. SMD where all it is mentioned with regulation number.

Question. emergency fire pump not building up pressure ship is about to depart in 8 hrs action as CE

Question. what all you will check when taking over as chief engineer.

Question. organization chart of dg shipping.?

Question. eedi ,eexi,ci explain

Question. psc inspections report asked about RO something written in that.

Question. charterer ordered to load 1.36 density cargo, ship designed to carry 1.2 density, what is your action as mgmt team.

Question. CII rating is D what action as CE?

Question. Principles of Marine Insurance?

Question. MEPC 79? how much Flashpoint is allowed?

Question. TQM principles?

Date : 19 Dec 2022
Internal : Senthil Sir
External: Vishwanathan Sir

Introduce yourself and technical background.

Question. How will you calculate EEOI on a container vessel? tell you are calculating in what time frame basis?

Question. How imo convention is implemented??

Question. On a vessel BM and SF is higher when?? In loaded, in ballast or in DD?

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Question. You find aft end vibration on your ship higher, what will be your actions??

Question. What is MNC and if you received it how to go about it.?

Question. What will you do if auditor found a bunker checklist is missing on your vessel and gave NC?

Question. One of the spare which is critical, it is there onboard but not in Critical spare parts list. How to go about it.?

Question. What is Clean ship and Clean design?

Question. Lub oil report received what's most important item to check and what is the significance of it?

Question. What is no more favourable treatment?

Question. Can Indian Administration check for BWTS compliance if vessel visit Indian port?

Question. What is the area under GZ curve mean?? What Dynamic stability means?

Question. Whether on container vessel double bottom tank always filled or empty? What effect on GM and hence on your vessel.

Question. What is IMO slogan and Name all subcommittee?\India presence in IMO and associated organs?

Question. CIF and FOB.

Question. Gas tanker related questions-tank construction / definition of cryogenic temperature

Question. how will you find out implementation sms onboard after joining ship

Question. types of csm survey

Question. documents carried onboard as per solas

Question. Latest amendments in FAL convention

Question. SMO

Question. Principles Of marine insurance insurable interest in detail

Question. Difference between vetting and psc inspection

Bhagyashree Ogale
Internal • chakki
External - Vishwanathan

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Question. difference between detailed and expanded inspection. what the psc checks in detailed and expanded inspection,,,

Question. if breadth is increased in the . what will happen to stability of ship.

Question. prepare as CE for cross head bearing survey

Question. what checks will you carry out on an engine once Ship is ground and master needs engine to refloat

Question. I have sailed only on oil tankers. He asked me that if your ship is modified to burn LNG tell me about LNG bunkering calculations

Question. what documents will you carry under safety as prescribed by IMO

Question. asked me full form of CIF and FOB and then asked what is the meaning of cost in Cif-.

NOV 2022

22/11/ 2022

**Internal vikrant rai
External: vishwanathan**

Question. Tanker Slop tank discharge criteria. ?

Question. BWMS USCG and IMO requirements. ?

Question. You have joined a vessel where main propulsion is new to you. What you will do.

Question. What is difference between PSC and Vetting inspection, What PSC inspector and Vetting inspector will check specifically?

Question. What is the limit of particulate matter in ECA areas ?

Question. AE's turbocharger damaged at sea, it is beyond repair and no spares onboard What you will do as a chief engineer. ?

Question. What all surveys and items checked during class renewal survey?

Question. Can DNV class conduct survey for LR class? What is given in IACS?

Question. How Winches test carried out during sea trial/new ship.

Question. What provisions are given for crew social security in MLC?

Question. What is CIF and FOB?

Question. What is segregated and designated ballast?

Question. What is first legally binding climate treaty?

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**Aakarshan Singh
Internal vikrant rai
External: vishwanathan
Result: repeat**

Question. Types of psc inspection, Will criteria for PSC inspection be same or different for different types of ships. Where it is given. When psc inspector goes on passenger ship which area he will concentrate more and give reference where it is given.

Question. Ballast tank what all you will inspect during renewal survey.

Question. How will you test low/high pressure alarm of a cargo tank.

Question. On a product tanker you have loaded a cargo which requires cargo heating how will you go about it.

Question. Name all civil liability conventions.

Question. What is the criteria for minimum rpm of engine and how do you maintain minimum rpm tell procedure

Question. Criteria for safe manning document where it is mentioned and who issues it. tell me the document which gives guidance to flag state to issue safe manning document.

Question. What all safety related documents you carry on board, and what is the difference between document and certificate.

Question. Which is the latest msc session. Tell the output of the session

Question. What is ip code and who are these ip and why do we need a separate code for them when we can carry supernumery without any such code.

Question. what is the requirement for carrying fuel oil for bunkers onboard tell me the document number where it is mentioned.

Safety of ships relating to the use of fuel oil

**Parbinder Singh
internal: vikrant rai
External: vishwanathan**

1. Started with written result.] think this it self was the deciding factor. introduction and types of ships

Question. difference between discharge lines of chemical and vlcc,

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Question. difference between ig line of vlcc and chemical tankers,

Question. methanol is being considered as fuel. give the technical problems associated with it.

Question. 3e joined and offsigning 3e leaving in short time.what all you will guide new joiner to check

Question. difference between bch and ibc since you have sailed on chemical tankers

Question. bch came early and ibc after that, how can one refer ibc for bch cargoes?

Question. Eo came drunk after shore leave. action as ce.

Question. What to check if one unit exhaust very high and other unit is too low.

Question. how you will implement safety culture onboard?

vishwanathan
Attempt 1:
Repeat

Question. Framo performance onboard

Question. Loadicator

Question. Ism NC & observation

Question. emission from cargo operation how to reduce?

Question. Imo participation of India Challenges faced in new fuel

Question. p&i & h&m when together

Question. Propeller immersion significance

Question. Full form of ISGOTT

Question. Diff in Port state & flag state inspection

Question. Generator freq fluctuating..wat to do as CE?

Question. Angle alpha in GZ ??

Question. Polar codes & areas?

Oct

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Rohit

Internal Mr.chaki sir n vishwanath sir external
Result :Fail Attempt 2

Question. Principles of TQM

Question. Problem with 0.5%sulphur

Question. Propeller immersion

Question. CAS

Question. cross head survey bearing preparation

Question. controlled document

Question. Liability conventions

Question. EEXI reference line

Question. Generator frequency fluctuations actions as ceo

Question. LNG ship fuel consumption calculations

Shashank

26.10.22

Internal Vishwanathan Sir.

External Chaki sir

Question. How to ensure propeller is placed back to same position after removal.

Question. Difference of owner as per CLC and bunker.

Question. In calculation of EEDI a*bA-c what is significance of a Which ship has high a values.

Question. How to implement safe working culture onboard.

Question. Cargo shipped on CIF basis, cargo gets damaged at sea. What is status of buyer, seller and ship?

Question. Duties and functions of Indian Coast Guard.

Question. Salient points to check while going in ballast tanks inspection.

Question. Under what conditions tonnage certificates can be cancelled.

Question. Difference between class notation and clean ship, design.

Question. BWMS not functioning 300 Nm away from port. Action as CE

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Question. Difference between certificate and documents.

Question. Difference of IMO standard and USCG standard for BWMS.

Question. How to access effectiveness of ISM quickly.

Question. How will you calculate fuel consumption in case of LNG as fuel

Question. Difference between defect list and repair specification

Sanjan Ralph Cutinha

4th Attempt

Int: Chaki Sir & Ext: Vishwanathan Sir

1. Introduction

Question. Cargo categorisation?

Question. IBC - BCH difference?

Question. Ship coming out of Drydock, bunker spill, who'll cover & how will you prove that there was no persistent oil in cargo or slop tanks?

Question. How will you know if the vessel is stable?

Question. How is the reference line of EEDI plotted?

Question. EEOI & CII?

Question. ISM Certificates carried onboard? Why is copy of DOC needed onboard?

Samir

Chaki sir and vishwanathan sir

Question. Segregated ballast and designated ballast

Question. 30yrs old ship prepare for recycle

Question. Propeller immersion

Question. 25 deficiency would you take over

Question. Critical spare part found but it is not in list, what you will do as CE

Question. EEDI, EEXI, EEOI, CII

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Question. T/C damage on one generator, your action as CE

Question. LO analysis, what is most concern for you as CE

Question. ESP

Question. Attain EEDI not less than req for new ship what can be done

Question. Non mandatory instrument

Question. IMO Safeworking culture

Lav Sawant

External Chakki sir

Internal vishwanath sir

Intro - types of ships, experience as 2E

Question. How many ways are there to conduct CSM survey

Question. As a CE how will you reduce C02 emissions during cargo operations.

Question. Explain No more favorable treatment.

Question. Principles of insurance

Question. India's presence in IMO

Question. How are groups made in council

Question. External auditor gave NC what steps to take as CE.

Question. Unseaworthy ship and unsafe ship

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Sept
Wankhede sir,
Vishwanathan sir,
Attempt.1

Question. which was the first climate change treaty?

Question. aft vibration actions as CE

Question. clc92 and bunker convention

Question. boiler major repair done , next actions as CE

Question. which was the first PSC regime and why?

Question. main bearing #2 open for csm . How to prepare as CE

Question. main difference between BCH code and IBC code.

Question. when was last meeting Of MSC. And the content of it.

Question. What is length as per load line convention

Question. Framo pump performance when vessel is loaded

Fariaz Tamboli
4th attempt

Vishwanathan sir and wankhade sir

Everything only vishwanathan sir asked.

Started with asking about written results, I told i cleared in 2019.

Then he asked- ships sailed- oil/product carrier only.

Question. What density of cargo u can carry, from where can you find this value?

Question. Suppose ur ship is able to carry density of 1.2 and charterer is asking u to carry 1.5, will u carry??

Question. What is SEEMP? only full form, do u know what is SEEMP?

Question. IMO ghg strategy, short term, mid term and long term measures.

Question. U notice that compared to last voyage, 2 tons extra fuel consumed, your actions as chief engineer?

Question. What is observation, non-confirmed, and major non-confirmed explain.

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Question. From where will port state officer come to know that this deficiency is in catagory of nc or mnc???

Question. Goal based standards, what is it, what was before it?? Were they not following the standards before, what is the difference now?

**[Forwarded from Pranav]
First Attempt
External Vishwanathan Sir
Internal Ashish Wankhede Sir
Result - Fail**

Question. What is there in Coating technical file?

Question. How Anchor and windlass are checked during sea trial?

Question. What is the straight line in on y axis of the EEDI phase wise reduction graph?

Question. What are active and passive ear defenders?

Question. How will you convince psc while he finds out that ows is not working.

Question. Your company has asked you to bring the cii rating from E to c what all suggestions you will give?

Question. Class surveyor is coming for loadline survey what all documents keep ready other than documents of loadline survey?

Question. How many audits for ship in ISM?

Question. What is the purpose of loadicator?

Question. FSA latest Amendments

**Varun Kumar
Wankhede, Vishwanath**

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Question. Offspec fuel supplied onboard what actions as a ce?

Question. How will your check implements of ism in a very short time.

Question. You r in a rough sea. ME main bearing damaged what will you do.

Question. Economiser energy efficiency

Question. COP 26

Question. MOC [MOC proposed how will you go about it ? What is MOC as per ISM?]

Question. What's the mission vision statement of IMO. What's written in the website when you open the website he wanted exact words

Question. When will H&M and P&I come together

Question. Why P&I , what are the liabilities it covers, tell me the most important lia. it cover

Question. Which engine produces less NOx emissions and why

Question. SFOC is given for a engine, how will you calculate Efficiency of engine?

Question. EEDI Phase diag on Y axis side one cut off line, what does it signify?

Question. Gz curve what angle is alpha.

Question. Search and Rescue (SAR) who prepares and approve.

Question. BBS

Question. Tonage calculation and certification.

Question. Eedi calculations

Question. Audits for doc renewal.

1st Attempt: 20.07.2022

External: Vishwanathan Sir.

Internal: Wankhede Sir.

Question. Introduce yourself, how much time you have sailed after Class II, How many months as second engineer and which type of ship you have done.- Have done ethylene carrier hence was expecting questions.

- what was the Barrier between tank and hold space -How much was the Pressure
- LEL of LPG. Ethylene
- Alarm set Point on fixed Gas detection system
- was cargo pump motor inside the tank or outside the tank? How will you improve the insulation for motor which on the Tankdome.

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-suppose you have to change cargo from LPG to Ethylene which is the most Important thing you will take care of?

Question. What all differences are there In CLC and Bunker convention? Why bunker convention was required.

Question. What is IOPC. who pays the funds, how much to be paid etc.

Question. Do you know which is the Latest MEPC session?

Question. How as a chief engineer will you implement MLC onboard ?

Question. There is Angle Theeta(heel). But there one more angle Alpha tell me effect of Alpha on ships Stability.

Question. How will you reduce Co2 from from your ship, tell me only things you will do on cargo plant.

Question. Which is the first Legally bound treaty regarding Emission control?

Question. What is difference between EEDI and EEOI?

Question. What is Green Hydrogen and blue Hydrogen?

Question. What are the duties of Chief engineer as per Hearing Conservation Program.

Question. What instrument is used to check noise level.

[Forwarded from Ashish Malik]

Mumbai

21/06/2022

Sheeresh sir

Vishwanatan sir

Wad sir

Show documents ask abt ship sailed after Class 1

Question. Documents ship carry under safety.

Question. CIF, cargo damage during transit, how claim settled, liability of shipowner, worst scenerio for ship owner

Question. After joining ship, How as CE u confirm ISM effectively implemented on ship.

Question. Confirmatory survey under CSM.

Question. GA Salvage security.

Question. Maritime lien under salvage.

Question. Last Bunker checklist missing, PSC gave MNC and went, action as CE

Question. economizer efficiency management

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Question. ICC- A, B, C

Question. During last voyage FO consumption was high 2ton/per day, action as CE.

Question. AER

Question. CII rating E for ur ship, action as chief engineer.

■Forwarded from Joel Lucas Fernandes]

Internal ashish

Ext- vishwanath

Introduce u self

Asked what ships I hv sailed on .if sailed as 2 engg.

Question. what thinks you can do with regards to cargo work to reduce CO2 emissions from your ship

Question. What are the various types of test at sea trial.

Question. How often the under water hull survey is done . As per solas, as per esp , as per EDD, which ships cannot do edd, when edd applicable and when it is not.

Question. how ships are chosen for port state inspections. on what basis.

Question. how many port state regimes are there in the world.

Question. What is the nox limit as of today.

Question. nox is more for me or aux engine ?n why do u say so?

Question. how will u convince your ship is nox compliant?

Question. You have gone to a foreign port like japan and have 4 ports there, on arrival at the first port you come to know u BHT is full, action as a chief engg?

Question. if u are ce and sailing out at sea u go for a round in er ,you find aft end vibrations action as a ce? questions what could be reasons?

Question. Who are IMO conventions enforced on ships.

Question. have u filled a noon chit which comes to chief engg. Not noon report ,noon chit which comes from 2off to ce and ce fills it n gives it back.?

Question. what is djibouti code.Just tell me the basic why it was introduced?

Question. What is P&A manual?

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[Forwarded from Saurav Dadlani]

Mumbai

20/06/2022

Int Wankede

Ext Vishwanathan

Result : Pass

Started with intro, type of ships done, exp as 2/E, Company sailing with etc

All questions asked were situational

Question. Oil spill in ballast voyage after DD which conv applicable? Y not CLC

Where written in CLC ? Wat is application of CLC? Who issues certificate for cargo tanks in clean condition? Wat is application of Bunker covention?

Question. Turbocharger of a aux eng damaged during sailing beyond repair actions as CE?

Question. New 3rd engineer onboard old signing off within few hrs ur action as CE?

Question. MOC proposed how will you go about it ? What is MOC as per ISM?

Question. Applicability of Solas to which ships? What about ships less than 500 GT for India?

Question. you as CE not able to maintain rest hours for crew on a consistent basis? Wat r ur actions ?

Question. have u read MLC circular of DG? Explain

Question. your ship going to a foreign port which has ratified BWMS what will happen? What is NO more favourable treatment?

[Forwarded from Devanshu]

Mumbai

20/6/22

Wankhede and Vishwanathan Sir

Only Vishwanathan sir took oral.

Question. Difference between eexi and eeo?

Question. Why gas ships capacity is in m3?

Question. What arrangement you have for pipes for expansion on deck in tankers?

Question. Why oil tankers don't have a separate code?

Question. Are codes mandatory?

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Question. Igc mandatory thru what?

Question. What is engine tuning?

Question. Checks on rudder in dry dock?

Question. Work and Rest hour requirements as per mlc. What rest hour requirements are for young seafarers in mlc?

Question. Behavior based safety?

Pulkit Chetan, [20-Jun-2022 1:56 PM]

20.06.2022

Wankhede Sir

Don't know name of other gentleman.

Introduction, vessel experience.

Question. Max. Density of cargo chemical tanker can carry, where to find it. If proposal comes for higher density cargo, what will you do?

Question. Oil tanker and chemical tanker slop discharge outlet, what difference.

Question. Framo deep well pumps - how is performance measured.

Question. H&M insurance and P&I insurance. Do they participate together, if so where?

Question. ISO 8217 latest revision? Has it been revised to reflect the reduced Sulphur content of fuel (0.5%)

Question. Experience using new low Sulphur fuel, what challenges did you face?

Question. As C/E, how will you find out if ISM is correctly implemented on vessel.

Question. What are the tenants of QMS.

Question. PSC detention which code. Difference between Code 17 & Code 30. Which is worse, what are the implications.

Question. Boiler derating - how is it done.

Question. EEDI formula constants a and c, how they vary as per type of ship.

Question. Master's review - how is it done and how frequently.

Question. Bunkering checklist from last bunkering missing. Auditor gives MNC and leaves, your action.

Question. When was ISM implemented. Describe ISM in one sentence

Anmol, [20-Jun-2022 3:08 PM]

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Internal Vishwanathan
Result:Fail

Question. How to ascertain bollard pull

Question. Which all certificates you will carry on your ship other than normal vessel.

Question. You r not paid wages for last 3 month what action as ce.

Question. CO2 bottle testing? how u know bottle has failed in test?

Question. India' representation in IMO?

Question. CSM survey types?

Question. How u will know effectiveness of SMS?

Question. Crash stop test. How to go about in sea trial?

Question. Water evaporation how u will enter the reading in ORB?

[Forwarded from SUSHIL CHOUDHURY]

Attempt -4

External- vishwanathan sir

Internal - Ashish wankhede sir

Result- pass

1. Introduction, type of ship and experience as second engineer.

Question. what is imo, who appointed council member. how many committee. Mepc role.

Question. How to calculate Sfoc . where you get power of engine.

Question. Latest in annexure 6 .

Question. cii and eexi

Question. what is intact stability and damage stability.

Question. During manoeuvering T/C surge action as chief engineer

Question. Crankcase L.o test on board explain in details

Question. Types of tail shaft survey

Question. Role of c/e to implementation of mlc

Question. E/R major fire how to proceed.

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[14-03-2022 06:44]

[Forwarded from Aakash Kumar]
EXTERNAL-VISHWANATHAN SIR
INTERNAL-AASHISH WANKHEDE
ATTEMPT of ORAL-3rd after joining HATC.
Introduce yourself

Question. High voltage system working on what principle why to prefer high voltage. 6kv on low voltage.
Question. Crane not working in the mid way of decarb you have 8 hour to sail out how you will go about it as CE.
Question. Nox technical file what all entry, how PSC assure you are in compliance with nox regulation.
Question. Insurance what 5 basic needs are required.
Question. EO came drunk what you do as CE

[12-03-2022]

**[Forwarded from Abhishek Kumar]
EXTERNAL-VISHWANATHAN SIR
INTERNAL-AASHISH WANKHEDE**

ATTEMPT of ORAL-2nd
Introduce yourself
Question. CARGO PLANNING CARRYING HEATING CARO?
Question. DERATING OF ME HOW YOU YOU REDUCE EMISSION/ HOW YOU REDUCE NOX AFTER YOU DERATE?
Question. Latest class notation?
Question. How will you prepare your ship to get cyber secuity notation?
Question. Can OTHER RO DO THE Sattutory survey of your ship? RO QUALIFICATION? Qualities of RO.
Question. How will you reduce CO2emission while doing cargo operation do not want anything from engine side?
Question. In EEDI TELL ME HOW WILL YOU GET POWER ,SFOC,Vreference,at the time of design stage when the ship was not built?
Question. Tell me about GBS AND WHAT WAS THERE BEFORE TO set STANDARD?
Question. What is ISGOTT?Who make it and latest in ISGOTT and when this came ie new edition when came?

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Question. What instructions you will give to a new 3rd engineer who joined the ship? How will you prepare your watch shcedule? If there is violation in rest hours if 2 Nd Engineer in watch?

[Forwarded from Kaushik Chauhan]

23-02-2022

Ext- vishwanathan sir

Int-ashis wankhede sir

Result:. Pass

Question. action as CE if crack on side shell above waterline

Question. Csr

Question. latest amendment in FAL

Question. IMO- India position

Question. Noon records

Question. 2/4 stroke which engine has low nox,unit of nox

Question. EEXI

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[Forwarded from Satyabrata Lenka]

23-02-2022

Ext- Mr. Vishwanath (most probably)

Int.- Mr. Wankhede

Attempt- 2nd

Introduction- which type of vessel after class 2? I have sailed only on VLGCs
What was ur last vessel capacity? I answered 82000CBM gas carrier.

Question. Why the capacity given in CBM rather than DWT?

Question. What is IGF code all about?

Question. What fire fighting arrangement on a tanker converted to use LNG as bunker as per IGF code?

Question. As CE how will you know that SMS is effectively implemented onboard after you join (you have very short time to check)

Question. What all documents carried onboard relating to SAFETY?

Question. What operational difficulty you may face while using 0.5% sulphur?

Question. What all risks covered by P&I clubs

Question. How will you prepare ship for a 0.5% sulphur bunker you are going to take after 3 days?

Question. What action as CE when you got mail saying that your bunker has 0.55% sulphur from last bunkering port and now u have no option but to use that non compliant fuel?

[Forwarded from Rajesh]

21/02/2022

Internal : Vikrant Rai Sir .

External : Vishwanath Sir .

Attempt : Please don't ask . Its equivalent to asking a lady her age

Result : Pass .

General Introduction , Experience as 2 E and types of ships . Mine was mostly Oil Chem Tankers .

Question. Difference between IBC and BCH Code ?

Question. What's the size of the vessel to which SOLAS applies?

Question. In your vessel you found salary is not paid for the past 3 months, Action as CE?

Question. Tell me about SEEMP and how do you know SEEMP is in Compliance?

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Question. Tell me about latest fuels for Main engine propulsion

Question. Your Indian flagged vessel suddenly sails to another signatory to BWM, how will you ensure that you are in compliance.

Question. Tell me about NOx technical file?

Question. Your vessel is consuming 2 to 3 tons extra, Action as CE?

Question. Tell me about D1 in BWMS? Also exchange Standards?

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[Forwarded from Ankit Verma]

21.02.2022

External: Vishvanathan sir.

Internal: Vikrant rai sir .

Attempt: 4th(1st attempt after clearing writtens in Dec 2021 and studying dedicatidly only for orals)

Vishvanathan sir:

Question. Vessel going to DD - As CE how u prepare for overhauling ,testing ,inspection ,spares order for FRAMO pumps

Question. Engine tuning.

Question. As a CE how you prepare for challenges faced with regards to 0.5% Sulphur and what u will check during bunkering of 0.5 % sulphur.

Question. With regards to IMO what safety document

Question. Loadicator - What u will check. What it shows.

Question. Master's review output

Vikrant rai sir:

Question. Company send u on a ship who has CII D ratingAction as Chief engineer.

Question. What is derating.

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[Forwarded from Vishal Srivastava]

21.02.2022

Mumbai Mmd

Vikrant rai sir and Vishwanathan sir

Question. What do you mean by Hsse

Question. Hearing conversation programme

Question. what all anx comes in marpol.

Question. GC and IGC diff

Question. cargo change Lpg to Ammonia.

Question. ows fail psc on board.

Question. ism objective evidence.

Question. how psc give deficiencies related to ism.

Question. green engine

Question. clean ship n clean design.

Question. Mepc 77

Question. ghg 72

Question. dfde and meg

[Forwarded from ANIRBAN BAUGH]

21.02.2022

Internal: Mr. Vikrant rai

External: Mr. Viswanathan

4th attempt: PASS

Viswanathan Sir:

Question. Overboard Discharge criteria in chemical tankers. XQ. Difference between for the discharge criteria of oil tanker & chemical tanker.

Question. FONAR, why you will fill it & what you will do after filling it where to submit, what flag state will give after receiving FONAR.

Question. 3rd engineer signing off and new coming what you will tell your new 3rd engineer?

Question. Latest amendments in Bunker Delivery Note.

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Question. Latest amendments in FAL convention.

Question. Engine derating,

Question. what all suggestion you will give to company for reducing CII.

Question. Docking requirement?

Question. What is corrective action and what is preventive action.

Question. Ballast tank checks as per close up survey.

Question. MEPC 77.

Vikrant Rao Sir:

Question. You will be joining as a chief engineer where there is aft end vibration what will your superintendent tell you to check, and after that what will you check extra.

Question. Tell me correct definition of NON – Conformity.

Dec 2021

[24-12-2021 06:43]

[Forwarded from asokan ezhilan]

Int: Ashish wankhed sir

Ext: Vishvanathan sir

Result: pass

Question. IMO structure, functions of organs Where does India stands, define convention, protocol and amendment and difference.

Question. EEDI, EEXI how to calculate, unit

Question. ME fuel consumption increased by 2 tonnes and as a chief engineer how will you go about it.

Question. in ISM why masters review is there and what is the importance.

Question. ISGOT how is it formed and the parties.

Question. ME liner cracked at sea and you have renewed with the spare liner, what action as a chief engineer you will do.

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[23-12-2021 05:56]

[Forwarded from Makarand Kolambe]

MMD: Mumbai

Attempt No: 3

Int: Wankhede Sir

Ext: Vishwanathan Sir

Question. For a vessel if L is reduced and B is increased what happens to GM.

Question. Statutory Cert. expired and 10 days to reach port. Actions as CE.

Question. Vessel discharging and IG System tripped; not restarting, Actions as CE.

Question. Hull survey requirements,

Question. Polar Code Co-ordinates

Question. Vessel is Bunkering, Rains Start, Actions as CE

Question. New Delivery Vessel, Supt asks you to segregate machinery under PMS and CBM. Action as CE.

Question. Latest Bunker Specs.

Question. NDRC and its centres, who heads and details.

[Forwarded from Makarand S]

22nd Dec 2021

MMD: Mumbai

Attempt No: 2

Int: Vikrant Rai Sir

Ext: Vishwanathan Sir

Intro: Company, Vessel type working after Class II, 2/E Rank experience, Written status.

Questions were very basic & straight forward. All that the surveyors were assessing was whether the questions were being answered in perspective of Chief Engineer.

External:

Question. 5 differences between BCH & IBC Code

Question. Cargo sludge discharge criteria

Question. BWMS equipment fails before arrival port as CE what you will do?

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Question. Max Cargo density tanker can carry where mentioned

Question. Polar Code Co-ordinates

Question. Bilge Tank full in port without reception facilities what you will do

Question. CO2 fixed firefighting system requirements for engine room

Question. How will you know ISM implemented onboard vessel you join

Internal:

Question. Why Port state when Flag state exist.

22nd Dec 2021

Sagar Goyal

Int: Ashish wankhed sir

Ext: Vishvanathan sir

1. How u will prepare a chemical tanker with respect to Framo cargo pumps before reaching drydock?

I told him abt ordering the spares for cargo pumps as per pms schedule and purging records.

Here he wanted to know how you will check the performance of the pump.

2. How is the overboard discharge connection for chemical tanker given for slops? why underwater given and how is it different from oil tanker?

3. What is the meaning of P and I in P&I?

Think this is known to everyone.

4. How will you come to know if ISM is implemented onboard in short time?

I started with usual going to master cabin but he asked what if all is forged and no NC no incident. Then how will you know. I said External and internal audits reports and NC which can not be forged. But didnt seemed convinced. I think there is more to it.

5. Latest amendments in FAL convention?

Told added defination of CTU and single window. and new fal forms. forgot to tell abt EDI and additional garuntee

6. FO consumption showing 2 tons extra. What action?

- Started with the answer but wanted to know how will i calculate SFOC. Took me some time to understand but told will take flowmeter reading and multiply with density and do temp corrections.

7. What actions you take if fuel received by you is offspec

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20/12/2021

Viswa sir and Wankhede sir

Question. loadindicator purpose , location of sensor, intact stability criteria

Question. Psc come on board what he will check in p and a manual

Question. Safety related document

Question. Ihm35 year old how to prepare

Question. Tank cleaning operation goin on and one t/c fail and engineer informed that they changed over the generator what is the first think you check

Question. Social security

Question. CIF and FOB

Question. Clean ballast tank , dirty ballast tank, dedicated ballast tank and segregated ballast tank

VARUN RANJAN: 20/12/2021

Internal : ashish wankhede

External : vishwanathan

Repeat

Question. CII formula/CII calculation

Question. EEXI calculation

Question. EEDI formula

Question. Crash astern criteria

Question. Problems associated with ULSFO

Question. Length as per Tonnage convention

Question. BWMS has failed & reaching port, action as CE

Question. Emergency generator failed & PSC detained vessel, action as CE

Question. Safe manning criteria ,where it is mentioned ?

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Nov

[23.11.21 07:34]

[Forwarded from Arun VP]
Mumbai mmd - 1st Attempt

Int: ashish wankade Sir
Ext: Viswanathan sir

Asked intro,written status,

Question. what does charter look for MSV(support vsl-offshore),

Question. what type of firefighting means-related to offshore Fifi

Question. Bulk carrier ballast tank inspection

Question. stresses in tanks..

Question. How EIF of convs,criterias,how convs r enforced on ship

Question. HRS,LRS,SRS

Question. types of psc inspections

Question. expanded inspection

Question. why cleargrounds

Question. CA PA def,NC report

Question. IMSBC code- Asked certificates on dangerous cargo,who authorise

Question. why GBS,when came,CSR & GBS relation.

Question. Aft end vibrations-action as CE.

Oral date: 16.11.2021

**Name: Tukaman Singh
mmd mumbai**

Taken by: External- Vishwabathan sir and Internal - Mukhopadhyay sir

Result: Pass

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Attempt: 6

Question. after getting Lube oil sample report, how will you starts action taken.

Question. How will you order Bunker and how much to be kept reserve in tanks.

Question. What is Engine tuning.

Question. What is Slip and how you will calculate. Tell me formula. what do you mean by positive slip and negative slip.

Question. What P& A manual. Explain

Question. Suppose you are sailing in product tanker and loaded cargo is 1.25 density. if after discharging next cargo density is 1.35, what you will do as C/E.

Question. Function of Loadicator in oil tanker ship.

Question. Function of IMO assembly.

Question. How many MLC titles.

Question. Requirement of UNCLOS.

Question. If before discharging old 3/E, signed off and new 3/E take over, action as C/E.

Oct

[Forwarded from Arun Kumar]

Int: Mr.Wankhede

Ext: Mr.Vishwanathan

Name:Arunkumar

Orals date:18.10.2021

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Question. CO called to engine room and he was telling, he is not getting sufficient cargo pumping rate, action as CE

Question. New 3E is joining the ship and existing 3E will leave ship in 12 hours, how you will guide him for taking over? what all needs to be checked as per ISM?

Question. IMO duty, how many convention?

Question. New types of fuel?

Question. EEOI, EEDI formula?

Question. After departure your getting bunker analysis, HFO Sulphur contain is 0.55% action as CE?

Question. Duty of CE as per STCW? Training for crew members as per STCW? Under which section its mentioned?

Question. How will you prepare 35 year old ship for recycling?

Abner Alexander, [18.10.21 17:56]

Int: Mr.Wankhede

Ext: Mr.Vishwanathan

Question. During DD propeller push up what precautions will you take as a CE... everything in the graph, why is it imp, how to place dial gauge etc.

Question. You have joined as CE in new co., How will you know sms is implemented in a short time

Question. Latest MEPC, all about it.

Question. I as owner want to reduce eedi..how to go about it.

Question. Crack in Hull.. action as CE.

Question. Noon report.

Question. AE frequency fluctuating.. action as CE

Int: Mr.Wankhede sir

Ext: Mr.Vishwanathan sir

Oral exam date:18.10.2021

Result: Pass

Was asked to show admit card and CDC.

General introduction what ships done after class II and rank exp. All container vessels throughout. Company name.

Question. EEDI 3 important factors. How do u get cf, V ref etc.

Question. Why on container vessel 70% of capacity taken in EEDI calculations.

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Question. Recommendation/CoC

Question. What is observation and example

Question. Social securities in MLC

Question. What is class notation. I was asked how many number of class notations are there any rough estimate I guessed in between 20-25. Sir replied there are around 60 class notations.

What is clean ship notation and clean design notation.

Question. OWS erratic during PSC at port actions as C/E

Question. 3 months of wages not paid actions

Question. Where is cofr kept.

Sept

[24.09.21 08:22]

[Forwarded from Abhi Kaush]

Internal-Mukhopadhyay, External- Vishwanathan

Question. How safe manning is decided

Question. Energy efficiency improvement for cargo operations on chemical tankers. What new initiatives can be taken as CE

Question. New changes in fuel standards

Question. GBS goal for safe construction

Question. Changes brought by IBC code

Question. Ship recycling plan for a 35 year old ship.

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Question. Master's review.

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Nitin Shilkar, [21.09.21 09:01]

Date:20/08/2021

Int: Mukhopadhyay sir....ext : Vishwananathan sir

Attempt:7th(first 4 attempts without rajiv sir's classes. So can say cleared in 3rd attempt after joining classes)

Introduction,ships sailed after class 2(Only type 2/3 chemical tankers). How many months as 2nd eng(44 months),written result status-cleared(immediately after joining rajiv sir's classes).

Question. Vessel going to DD in 3 months. How as a chief engr u will prepare your cargo equipments(framo/marflex)for drydock.

Question. What is IBC & BCH code. Unloading requirements for chemical tankers.

Question. Discharge criteria for chemical tankers.why underwater discharge for chemical tankers.

Question. Categories of chemicals. What and how you discharge prewash of catX.

Question. Insurance. What is P&I. What exactly do mean by words protection and idemnity.

Question. What all in Mepc 76. Brief explanation on EEXI & CII.What is eedi and eeoii.

Question. Lates ISO standard for fuel. Compatability issues with ultra low sulphur fuels. How are they tackled.

Question. Isgott.(full form and brief explanation)

Question. Contents of Technical coating file

Question. Water evaporated from sludge tank, how u will record in ORB.

Question. Psc detention code. Difference between code 30 and code 17.

Question. What is Polar code. Which area covered (wanted exact Lat and long)

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[Forwarded from ABHIJIT MARATHE]
Int.- Mukhopadhyay, ext-Vishwanathan sir.
Result-Pass

Question. Imo structure, where India sits.
Question. p&a manual. Why exactly it is given onboard.
Question. what new in MEPC 76 for Polar region
Question. Difference between insurance & assurance.
Question. CIF- if 10k \$ cargo, how much insurance will seller take.
Question. Bunkering during raining
Question. FO consumption increased by 2 tones
Question. CSM- how many ways you can do csm surevy.
Question. How auditor describes his findings in ISM
Question. What is HRS, LRS in PSC. how PSC decides.

20.09.2021

int: Mukhopadhyay ext : vishwanathan

Question. shop trial? Sea trials?
Question. How to match turbocharger to engine? which graph u will refer to
Question. Mepc 76?
Question. EEDI? EEOI? units? reference line?
Question. carbon zero fuel , carbon neutral fuels eg. for both.
Question. Length as per ILLC.
Question. environmental ship index. who certifies it.
Question. wall wash requirements, testing?
Question. p&a manual.
Question. Solas applicability.

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20.09.21

Internal: Mr. Jayanta Mukhopadhyay
External: Mr. Vishwanathan

Question. Ships requirements as per UNCLOS

Question. GZ Curve 7 points.

Question. What is dynamical stability. Dy stability/ energy.

Question. Hearing conservation program. Unit of dB.

Question. 0.55 s% fuel. Action as CE

Question. PSC what will they check on board. Will it be different for different types of ship. Types of psc inspection.

Question. ISM operational requirements

Question. Latest in IGF

Question. Inertia test

Question. CSM which items not included

[Forwarded from Amar]
Internal- Mukho sir
External- Vishwanathan sir
Date-20.09.21

Introduction -rank experience, company, type of vessel-LPG carrier

Please limit your intro as per requirement when u r facing Vishwanathan sir , he does not like to listen big intro, what he asked just reply

Question. U r in the mid of the sea, your renewal statutory certificate is going to expire soon, u r reaching next port after 15 days. Action as chief engineer . Along with many cross questions

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Question. U r in port , your r demonstrating function of OWS in front PSC, reading coming erroneous, sometimes operate 3way valve sometimes not, Action as CE to avoid detention

Question. Definition of Unseaworthy as per MS act.

Question. What is latest in MEPC 76 regarding paint .

Question. What CMS items CE cannot do.

Question. You joined onboard As CE, How u will come to know within 2 min ISM is implemented. How are come to know that accident incident reports are right, they might forged it.

Question. When class will be suspended, automatic suspended, when class will be withdrawn

Question. What type of class notations for LPG, Ur last ship class notation, spell out , what all notations are there in class notation

Question. Types of audit in ISM

Question. Intact stability criteria as per IS code

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[Forwarded from hemant Pasbola]
Oral date 20-September-2021 MUMBAI
Int: Mukopadya sir, Ext: Vishwanathan sir
Result - Pass

Type of ship sailed

Question. Competency under Table A- III/2 of CE:

Question. Ship recycling plan in depth, Honkong convention what all it contents. How P&I insurance is related with Ship recycling.

Question. What the minimum RPM of engine, when its calculated, hydrodynamic lubrication.

Question. Principles of marine insurance and which one is most important one. How insurable interest works.

Question. 3/E signing off and new one coming: CE aspects of checks.

Question. vessel have only 2 compressors, 1 failed in navigating water, Actions as CE.

Question. Types of chemical tanker to add in fleet, already Running Container ships: procedures

Question. Whats there in DOC and SMC and why do we have DOC on board, What does it mean?

Question. Actions as chief engineer after Liner renewal onboard?

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**Anant Kumbhar, [20.09.21 15:24]
[Forwarded from Anant Kumbhar]**

2nd attempt

**Internal -mukhopadhyay
External -Vishwanathan**

Type of ships sailed on

Question. what all documents for dangerous cargo.

Question. Ballast tank survey with surveyor ,all precautions taken.how to proceed. How u know where all to check.

How u know suspect areas and substantial corrosion

Question. Bilge tank full -Coasting in Japan ,within one week 3-4 ports are due and no shore reception facility .action

Question. What is CAS..who issue . Issued to whom , on what basis .requirements

Question. External auditor gave NC for missing bunker check list.action

Question. what is controlled and un-controlled document.give eg of both .

Question. Subrogation .

July

[Forwarded from Bhupender Singh]

28.07.21

Attempt: 4

Int. Ashish sir

Ext. Vishwanathan sir

Question. Latest in Marpol for bulk carriers

Question. Adoptions in MEPC 76

Question. EEXI

Question. One of 3 AEs T/C damaged, action as CE

Question. Types of PSC inspection

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Question. Salary of crew not paid for 3 months, action as CE

Question. Social security as per MLC

Question. You taken bunker and lab analysis shows 0.58% S , action as CE

Question. Engine power limitation

Question. Ship in port and crack observed at midship 2 mtr above water level on port side , action as CE

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[Forwarded from Moiz Manvi]

27.07.2021

Attempt:2

Mumbai

Vishwanathan Sir and Vikrant Sir

Normal intro

Question. ODME Discharge criteria

Question. Formula to find instantaneous rate of discharge

Question. segregated ballast tank and dedicated ballast tank difference

Question. Minimum rpm of engine how to decide

Question. EEDI and EEOI.

Question. Zero carbon fuels

Question. Ship at Port u r doing decarb and E/r crane fails. action as chief engineer

June

[Forwarded from Its me]

Vikrant Ray and Vishwanathen

24 June 2021

Vishwanathan sir

Question. Is having rescue boat on board a requirement? If vessel do not have rescue boat then what? What is the requirement for lifeboat to be used as rescue boat?

Question. What is the full form of EEDI and EEOI? What are the units?

Question. which convention India ratified recently?

Question. Name materials in IHM part 1?

Question. During CSM survey ,survey is completed by you. What will you do at the end as CE?

Then Vikrant rai sir started orals

Question. As a CE how will you take your vessel for recycling.?

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Anil, [24.06.21 16:22]
Vishwanathan and vikrant rai

Question. Mepc 76

Question. Contents of seemp

Question. cif n fob

Question. Sea trial.

Question. Requirements of inertia test

Question. Psc approach to different type of ship.

Question. preparation before dry dock

Question. critical period requirements

Question. If dg frequency fluctuating action as ce

Question. If new 3rd engr join and old 3rd eng signing off. Action as ce.

[24.06.21 06:13]

**[Forwarded from Akshat kapoor]
Mukopadhyay sir and vishvanathan sir**

Introduction part.. Types of ships.. And written part

Question. What is segregated ballast tank and clean ballast tank

Question. About ODME.. What is its purpose and inputs and outputs.

Question. about Marpol Annex 1 criteria

Question. CSR Explain and types of forms and purpose

Question. Asked about ESP what areas you will check

Question. Life boat davit tests

Question. Joined as chief Engineer how check effectiveness of implementation of SMS

Question. New 3rd Engineer joining and old 3rd Engineer Signing off.. As CE what will be your role.

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Mumbai mmd, 22 June 2021

Mr viswanathan

Mr vikrant rai

Question. latest mepc key points

Question. what is in mepc 76 which is new,, not continuation from previous mepc sessions.

Question. Latest in eca area amendment

Question. Latest in marpol annex 4

Question. What is definition of marine fuel.

Question. Which fuel give highest co2

Question. What is seemp

Question. Seemp is dynamic or static.

Question. P&I covers inclusion and exclusions.

Question. What is hull survey

Question. What is requirement of docking.

Question. What is ballast water convention, what is applicability of convention.

Question. Ballast water convention is in force or not. From which date.

Question. Main engine tie rods tightened 10% more in shop trials,, then on ship to normal tightness,, why.

Mr. Vikrant rai

Question. Relationship between safcon and load line.

Question. what is condition of assignment.

Question. dry-dock requirements ,, statutory , where written

[21.06.21 19:34]

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**[Forwarded from Kunal]
Mukhopadhyaya Sir
Vishwanathan Sir**

Question. Ism, functional requirements, why did it come into existence, SMS

Question. Your second engineer calls and tell you AE frequency fluctuating, actions you will take as ce..

Question. Port state inspection, types, hrs, srs, hrs..

Question. Mepc 76 in brief.

Question. EEXI, CII, Seemp

Question. Conditions of assignment

Question. What is off spec, non compliant fuel.. Actions as CE

Question. Marpol related deficiency, how to go about it as CE

Question. IMO organizational structure.

Question. IGO, NGO

Question. What is sea trial and what is shop trial, what all tests?

Question. FOB, CIF

May

[05.05.21 06:46]

[Forwarded from Dushyant Vijay]

External Vishi Sir

Internal Senthil sir

Attempt 4

Question. Casualty on board. Person died. How to go about as C/E.

Question. EEDI EEOI,

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Question. With respect to Insurance how to make sure sea worthiness.

Question. GZ curve

Question. SEEMP techniques.

Question. Contents of SEEMP plan.

Question. If your certificate of class withdrawn then what will happen to your insurance.

Question. What is Diesel electric system.

[Forwarded from Bhupesh Samar]

23-04-2021

SENTHIL SIR

VISHWANATHAN SIR

Question. What is P&I club.

Question. What is P and I in P&I.

Question. what all cover by P&I club.

Question. You Joined a vessel and found new type of propulsion plant how do u go about it.

Question. Why chief engineer required onboard.

Question. What is important in Survey status report.

Question. Define COC and Memoranda.

Question. After u bunker and found fuel report is off-spec what action.

Question. Difference between Insurance and Assurance.

Question. what latest for OWS unit, If u are standing with PSC what he checks.

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[Forwarded from Gaurav Nasikkar]

23.04.2021

2nd attempt

internal: MR. Senthil sir

External: MR Vishwanthan Sir

1. general intro

2. type of ship.

Question. any major incident

Question. which regulation talks about nc and accident reporting.

Question. loading a dangerous cargo in bulk certificate required.'

Question. IMSBC code

Question. definition of observation.

Question. crack on the shell plate how to go.

Question. which survey chief engineer can not do?

Question. dry-dock stability requirement.

Question. incinerator requirement as per MARPOL annex VI.

Question. You are reaching the port and bunker barge is along side what will u check.

Question. energy efficiency for economizer.

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Question. Slogan of IMO

Abhishek, [21.04.21 13:49]

20/4/21

Attempt 1

Vishwanathan and Senthil sir

- Introduce yourself

Question. Chief Officer called and tells you Cargo discharge pressure not rising

Question. ME Decarb at Port, Overhead Crane stops working

Question. *Management of Change*

Question. *Taking over/relieving a CE, how will you proceed*

Question. *ME Liner changed, what next as CE. What is Corrective Action and RCA.*

Question. *Conditions of Assignment*

Question. *IMO Convention Signature meaning*

Question. *Marpol Annex VI Renewal survey*

Question. *Boiler Accumulation pressure test*

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Question. Dry Dock preparation Documents

[Forwarded from Praveen R]

21/4/21

Attempt 3

Vishwanathan and Rai sir

Intro, if written clear , experience and type of vessels

Question. 5 ways to reduce emissions wrt cargo work.

Question. What is meant by continuous review in ISM.

Question. Purpose of Derating of main engine.

Question. What you check in ME Lube oil analysis report.

Question. Aft end vibration. actions as CE

Question. Ballast tank inspection what u check as CE

March

[20.03.21 11:43]

[Forwarded from Vimalkumar Tandel]

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Vikrant Rai Sir... Vishwanathan sir..

Question. IGC CODE /GC CODE applicability..

Question. How ISM code ensure continuous improvement.

Question. 1 AE turbocharger beyond repair. Axn as CE. Some cross questions

Question. During bunkering its started raining an

Question. How reference line in required EEDI reference line drawn?

Question. Polar region in polar code.

Vikrant Sir.

Question. EGS fail axn as CE..

Question. 35 year ship going to recycling . your preparation..

Feb

[23.02.21 15:04]

[Forwarded from AVNISH AGGARWAL]

Int: Mukhopadhyay Sir

Ext: Vishwanathan Sir

Result:Pass

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1.Introduction

Question. MEPC 75

Question. CIF/FOB

Question. IGO/NGO in IMO

Question. Which last convention acceded by India

Question. Content of SRP

Question. Conventions related to Pollution.

Question. How IMO conventions are enforced

Question. How many RO Appointed by DG & name them

Mukhopadhyay Sir

Question. Pilot onboard for departure port and ME not starting , action as CE?

[20.02.21 07:12]

[Forwarded from Gaurav Malusare]

Mukhopadhyay sir

Vishwanathan sir

Question. eedi , eeoI units

Question. annex 6 docs and certificates

Question. How psc will identify your engine nox complaint

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Question. Documents and certificates for solas chapter 11/What's csr Contents

Question. Management of change Ism .

Question. CIF

Question. Co is not getting adequate cargo pressure

Question. Ae running with high frequency

Question. MLC Young seafarer Age of young seafarer

Arjun, [19.02.21 16:06]

Int: Mukhopadhyay Sir

Ext: Vishwanathan Sir

Attempt : 4

Result : Passed.

Question. If you increase the breadth and reduce the length of the ship, what happens to ship's GM?

Question. Liner cracked at sea and replaced. What precautions after repair is done.

Question. Fuel consumption has gone up by 2 MT during a voyage. Actions as CE.

Question. Major IMO meeting latest.

Question. If bilge tanks are full, can you go outside, discharge and come back?

Question. Where are the stresses measured on the ship? What is a Lodicator?

Question. Conditions of assignment wrt Loadline convention.

Question. difference between bunker and CLC convention

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[19.02.21 13:22]

[Forwarded from Sangram Deshmukh]

Int: Mukhopadhyay Sir

Ext: Vishwanathan Sir

Attempt: 3rd

Result:Pass

Question. Checks to be carried out during ballast tank survey, in presence of surveyor..

Question. In port u saw a crack above water level, what action u will take as CE??

Question. MARPOL Amendments which entered in to force from 1st Jan 2019..

Question. Ballast convention full name, applies to which ship, D1,D2 & D3 standards, BWTS installation dates..he wanted to know about 1st iopp survey after 8th sep 2019 and all that

Question. Ship in port, ows system to be tried out infront of psc inspector..but found ows inoperational..action as CE??

Question. During voyage 1 of the Ae"s T/CH broke down..no spares to overhaul turbocharger..action as CE..??

Question. tell me about noise code??

Question. Formula for EEDI & EEOI..Unit and it's significance

Question. CE competency as per STCW..

[18.02.21 13:03]

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[Forwarded from Kartikeya Srivastava]

17/02/21

Vishwanathan sir, Mukhopadhyay sir:

Question. Def of MNC NC Observation as per ISM

Question. Social security

Question. U are sailing on vessel from more than 3months while taking round u found that aft end vibration is more , what will be your action as CE?

Question. What is discharge critera for slop from oil tanker?

Question. Types of surveys on board ship.

Mukhopadhyay Sir:

Question. IACS rule applied to whom

Question. ESP code? xquestion how will u go about it as CE what all u chk. ?? content of ESP file.

2021

[23.02.21 15:04]

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[Forwarded from AVNISH AGGARWAL]

Int: Mukhopadhyay Sir

Ext: Vishwanathan Sir

Result:Pass

1. Introduction

Question. MEPC 75

Question. CIF/FOB

Question. IGO/NGO in IMO

Question. Which last convention acceded by India

Question. Content of SRP

Question. Conventions related to Pollution.

Question. How IMO conventions are enforced

Question. How many RO Appointed by DG & name them

Mukhopadhyay Sir

Question. Pilot onboard for departure port and ME not starting , action as CE?

[20.02.21 07:12]

[Forwarded from Gaurav Malusare]

Mukhopadhyay Sir

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Vishwanathan sir

Question. eedi , eeoI units

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Question. Ae running with high frequency

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Arjun, [19.02.21 16:06]

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Ext: Vishwanathan Sir

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Question. Where are the stresses measured on the ship? What is a Lodicator?

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Question. difference between bunker and CLC convention

[19.02.21 13:22]

[Forwarded from Sangram Deshmukh]

Int: Mukhopadhyay Sir

Ext: Vishwanathan Sir

Attempt: 3rd

Result:Pass

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[18.02.21 13:03]

[Forwarded from Kartikeya Srivastava]

17/02/21

Vishwanathan sir, Mukhopadhyay sir:

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Question. Social security

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Mukhopadhyay Sir:

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Question. ESP code? xquestion how will u go about it as CE what all u chk. ?? content of ESP file.

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Jan

[28.01.21 13:31]

[Forwarded from Kulbhushan Thakur]

Vishwanathan sir and Mukhopadhaya sir.

Question. Latest amendments in bulk carriers regarding annex 5

Question. Csr Pages. Why form 3

Question. ER crane damage during decarb. Action as CE.

Question. Bwts latest, date entered in force. Applicable to which ships. Usdg requiremnts.

Question. Tqm. Hw u cn implement it.

Question. Sea trial. What all checks.

Question. Boiler survey.

Question. Hongkong convntion. Ihm contents.

Question. Fal latest amendments.

Question. Flag of ship changes. What all things wll change. How you will go ahead as ce.

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[27.01.21 22:53]

[Forwarded from Mayur Kamble]

Vishaanaathan sir and mukhopadhyा sir

Question. ibc vs bch

Xq x y z

Question. Hrs srs lrs

Question. Diff bet more detailed inspection and expanded inspection

Question. Csm

Xq what items require to inspect in front of surveyor

Question. No more favorable treatment

Question. tail shaft survey Xq name each survey Xq tcm notation Xq pre requisites

Question. Onboard complaint procedure as per mlc

Question. What are certificates and documents under Marpol Annex 6?

[27.01.21 21:38]

[Forwarded from rahul galhotra]

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Vishwanathan sir and mukhopadhyaya sir

Question. Ur C/O calls you that we are not getting the discharge rate in the cargo line. Ur action as C/E.

Question. Difference between Coc and recommendation

Question. what is loadicator for onboard.

Question. Emergency fire pump not working. Action as CE.

Question. Difference between certificate and document.

Question. PMS and CMS. How will you ascertain which one to put in CMS and which one in pms.

Question. What all to check before departure port ship is going to discharge in China and after that dry Dock so the ship doesn't get detained.

Question. Contents of ship recycling plan.

Question. Details in P&A manual.

Dec

[21.12.20 19:35]

[Forwarded from Gurpreet Singh]

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Ext. Mr Vishwanath

Int. Mr Ashish Wankhede

1. Just before entering DD what precaution as per stability to consider?
2. During bunkering rain started, action as CE?
3. Difference between correction, CA and PA?
4. Behaviour based safety?
5. Marpol applicability? And below 400GT what provision as per MS act?
6. Vessel ready to depart port emgy fire found not working and you cant repair also DD after one voyage, action as CE ?
7. CSR...Why 3 forms? Wht in form 1 does not change?

Krishna, [21.12.20 13:44]

Mumbai MMD

Wankhde Sir and Vishwnathan sir

1. Why large containership have raking problem.
2. What IMO did said in last MSC that made india proud.
3. FOB and CIF
4. Ballast water management. Date it came in force.
5. Derating engine legal requirements.

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6. Tests on main engine during sea trial.
7. Latest class notation. cyber security
8. When was last MSC meeting.

[22.11.20 10:43]

[Forwarded from Chetan]

2nd attempt

Internal - Senthil sir

External- Vishwanathan sir

1. Introduction

Question. Latest amendments wrt IG mainline which come in 2019.

Question. Engine de-rating, all documents which will be affected

Question. CSM which items C/E can not check

Question. Bunker BDN 0.5% actual test 0.65% action as C/E what limit where no action required

Question. Reduce carbon emissions during cargo works and what all involves cargo work

Question. What procedure to follow in case 0.5% in bdn and actual content .65%. Action as C/E whom to report. Flagstate action to report IMO which form available to report

Question. Types of inspection under PSC. Latest CLC campaign under Paris Mou and why this campaign started related to navigational equipment

[**https://alfidelfi.com**](https://alfidelfi.com)

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Question. MEP 75 agenda , question on EEXI and CII

Question. Liner cracked, u have replaced everything new. Action as CE., wanted to hear about H&M claim and documents to be made ready

[19.11.20 14:06]

[Forwarded from Bimlesh Kumar]

Date 18/11/2020 Attempt 6

Mukhopadhyay Mr.Viswanathan

Question. Applicability of solas

Question. Electrical officer came drunk from shore, what action as chief engr

Question. Agenda of mepc 75

Question. Fuel consumption rise in last 2 days,action as chf engr

Question. Nc, observation, mnc , all about this

Question. Marpol regulation latest amendment for bulk carriers in 2019

Question. Competency required of chf engr as per stcw

Question. Noon report

Question. No favourable treatment

Question. P@i liability,insurance

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Question. Raining while taking bunkers,action as chief engr

Question. Emergency generator not working, actions as chief engineer for sailing out

Question. Compulsory documents carried on board related to safety, not the certificates

[19.11.20 07:23]

[Forwarded from Raj Bharath]

MMD Mumbai

Date:18/11/20

Attempt:2

Int.Mr Mukhopadhyay

Ext: Mr.Viswanathan

Self intro,

Question. Content of docking plan.

Question. You are staying in cabin and 2E watch he called you and saying one generator is running and have issue of frequency fluctuating action as CE.

Question. What is Hrs, Mrs, Lrs and how they are deciding.

Question. Aft end vibration action as CE.

Question. Explain Convention, protocol, amendment?

Question. latest developments in container design.

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Question. Certificate which doesn't have any validity?

Question. You are in E/R and suddenly intermediate shaft bearing high temperature action.

[18.11.20 21:06]

[Forwarded from ashish]

MMD Mumbai

18 Nov 2020

Int. Mr. Mukhopadhyay Sir

Ext. Mr. Vishwanathan Sir

Introduction , experience

Question. TQM

Question. Sea trials , tests on main engine

Question. LNG Ships tank containment system, primery secondary barrier s difference in pressures and why.

Question. HV system , how neutral point is connected ?

Question. HKC , who approves SRP? And some cross questions.

Question. CSR, various forms , why form 3 required?

Question. ORB entry missing , how will you deal with it?

Question. Why no Code for oil tankers , like gc code for gas carriers ?

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Question. P N A manual ?

Question. FOB/CIF..y free , what is C , how much insurance and why?

Oct 2020

[Forwarded from Rajesh Kumar Sharma]

Orals 16-10-2020

Ext - Vishwanathan Sir, Int - Ashish Wankhede Sir

Attempt - 1st

Question. Difference between correction, corrective action and preventive action.

Question. Master told 1.2 density cargo available, what is your advice as ce? what is the max density cargo can be carried on product tankers.

Question. what do you mean by hearing conservation program as you will be doing it as CE.

Question. After sailing you receive bunker test report that indicates off spec bunker. action as CE (case 1 cat fines more that limit and case 2 sulphur more, went in detail.

Question. New 3E joined and after 12 hours old one will sign off, what action as CE?

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Question. Four stroke ME, one unit bottom end bearing bolts failed, reasons and root cause analysis.

Question. How many types of PSC inspection? what is code 17 and code 30 deficiency? difference between two. lots of cross questions. Psc inspector found during inspection ows 15 ppm not working and detained vessel. what action you will take as CE?

Question. ISM implementation, how you understand when join ship as ce?

Question. EEDI & EEOI in details..

[Forwarded from Prathamesh Dange]

Prathamesh Dange

Orals 16-10-2020

Int - Ashish Wankhede Sir, External - Vishwanathan Sir

Question. IMO Organogram

Question. Standard Discharge Criteria for Cargo Sludge Discharge?

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Question. What is the difference between Sea Trial and Shop Trial?

Question. Liner Crack what will be your actions as CE?

Question. Current Status of India in IMO

Question. How Convention brought into force?

Question. Why there is Code for Chemical and Gas Tanker and first of all is there any code for Oil Tanker if no why?

Question. How much is Propeller Immersion and why it is required?

Question. Close Up Survey in Detail.

Question. What is Substantial Corrosion?

Question. India's Status on BWM Convention

Question. What is difference between FOB and CIF?

14.10.20

[Forwarded from Harry]

2nd attempt

Int :- senthil kumar

External :- vishvanathan sir

Question. Ism history and how ism introduced.

Question. functional requirement and objective of ism.

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Question. Bulk carrier definition as per solas ch 9 and ch 12.

Question. Unclos flag state responsibility.

Question. DOS when required.

Question. How IMO Convention comes in force.

Question. New amendment in polar code.

Question. CLC 69, CLC 92, Bunker convention difference

Question. H &M & P&I covers and what is the similarity in both of them

Question. certificates and documents of bulk carrier/Carrying dry bulk hazardous cargo.

Question. Liner crack .Action

Question. What do you understand situational leadership.

14.10.20

[Forwarded from VishalArya]

Vishawanathan Sir —

Type of vessels done, company,

2/E experience

Question. On what conditions class will be withdrawn

Question. how you will ensure that NOx compliance in front of PSCO. How will you prove to the PSC inspector that your ship is NOx compliant /How will u deal with PSCO if he wants to check NOX compliance ? /How to ensure vessel is NOx compliance?

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Question. PSCO- came on board - & 15PPM checked, not working what will be your action as C/E, even though he has detained the vessel.

Question. GHG first climate change convention-very first convention

Question. last 3 months salary has been not given to you & master on board what will be your action as C/E

Question. What is COFR

Question. IMO conventions about civil liabilities - how many?

Question. About Annex vi chapter 4

Question. nox tech. Code - file elements (what should be there)

Senthil sir:

Question. Foreign flag can sail in Indian coastal water?

Question. what is CABOTAGE

Question. BB/Time /voyage c/p

Devanshu, [14.10.20 13:03]

[Forwarded from Deven]

Viswanathan & Senthil

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Question. Discharge criteria for Cargo Sludge Discharge

Question. How to check effective implementation of ISM

Question. Short-term, long-term measures GHG

Question. How to reduce CO2 emissions from Cargo work

Question. Axial vibrations from aft, remedies

Question. Preparations for Framo before dry dock and Framo performance test

Question. Able seafarer engine certificate of proficiency

Question. Chief engineer competencies as per STCW

Sept 2020

09/ 2020

[Forwarded from Manish Verma]

14.09.2020

Mumbai Mmd

Bandopadhyay sir &
vishwanathan sir....

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1. Introduce yourself..types of ships done...experience as 2nd engr...

Question. International voyage

Question. Intocerms

Question. H&M P&I CLUB SIMILARITIES

Question. WHY 3/4 and 4/4

Question. Contents of coating technical file

Question. What is critical period, critical draft during dd

Question. How to maintain positive GM during dd

Question. Bwm conv..full form.. applicability,

Question. Responsibilities of Chief Engineer during entering dd,

Question. Cost in CIF

Question. Details of trim and stability booklet

Question. If u going with surveyor in ballast water tank..what all u will checks

Xq. What is close up survey, substantial corrosion, how to measure substantial corrosion, what specific u will check...the area is so big..how to go for substantial corrosion.. Where u will get all details of what all to be inspect during ballast tank inspection.

Question. Diff between convention, protocol, amendment

Question. EEOI...how u calculate...what's is formulae..what is total fuel..how u calculate fuel from where to where...

Question. Types of latest fuel as per imo...which will come into force...

19.03.20

[Forwarded from Sandeep Prabhu]

19.03.2019

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DGS int: Barik Sir

Ext: Vishwanathan sir

Result:PASS

Question. What r the 2019 Marpol amendments?

Question. Eedi and eecod? Differences, units implication, Phase 3

Question. CA,PA, Correction? Differences, Procedure followed?

Question. Different method for tail shaft survey In detail..TMon ..notation?.. extension

Question. Difference between defect list and repair spec?

Question. India stand in Imo...

Question. Latest Convention acceded by India

Question. CIF ? what are all cost involved?

Question. Spec of latest fuel ...Problems involved?

Question. Engine Family..Engine Group Differences

30/01/2020

PRASAD AMGAONKAR, [30.01.20 14:32]

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Dgs

Question. Maximum density of cargo can be loaded on board.

Question. Applicability of Marpol n solas.

What if ship is below 500 gt.

How India enforce convention.

Many cross q regarding entry in to force.

Question. ISO standard for 0.5 sulfer.

Question. Action as CE if sfoc increased.

Question. Difference between IBC and BCH code.

Question. Correction, corrective action and PA.. Said explain with example.

Question. Latest Imo meeting

Question. On November 2019 which convention india rectified.

Question. Ship is going to dry dock, ur preparation regarding framoo pumps.

S. J. K., [03.01.20 23:18]

03 jan 2020

Dgs

External - Vishwanathan

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First attempt

Question. -IGF code

Question. Definition of international voyage

Question. Noise code survey how you do as chief

Question. Polar code and it's region

Question. How you check that ism implemented of ship which you join

Question. Er crane stuck how you handle the situation.

Question. Solas latest amendment

Question. Suplhur contain more on your ship after test report you come to know how you handle situation.

Question. how you decide which equipment should come in pms and which in cms

Anil Surushe, [03.01.20 17:47]

03 jan 2020

Dgs

External - Vishwanathan

First attempt

Question. Ibc and bch code difference

Question. Non IMO treaties

Question. Crack on shell playing above water line on port side action as chief engineer

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Question. Ship fuel oil consumption increased by 2 mt action as chief engineer

Question. Derating of engine

Question. Coc and recommendation diff

Question. Civil liability's

Question. What are IMO meeting in this month jan 2020.

Question. chemical tanker what is density of chemical carry

Question. ME liner found crack action as chief engineer .

Dec 2019.

Kunal Rana, [02.12.19 13:49]

Fist attempt

Vishwanathan sir

Question. Fal convention amendments

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Question. Ballast water understanding

Question. Eedi and eeoii abrevation and units

Question. Lodicator fxn

Question. ESI

Question. Open check by surveyor in csm

Pravin Yadav, [02.12.19 19:51]

02/DEC/2019

1st attempt

Vishwanathan, DGS, MUM

Result : Repeat

Question. Difference between IBC & BCH code,

Question. ISGOTT full...., under whos guidance ISGOTT formed and why, who all can handle ISGOTT regarding its content & amendmnt.....□

Question. CIF and FOB.

Question. MOC guideline sheet content, meaning and why MOC is being made.

Question. AE T/Cr breakdown & can't be repairable onboard, action as COE.

Question. DD plan & content,

Question. FRAMO inspection just before 3 month to DD...what all checks as only CE prespective....

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Question. How u as CE quickly ascertain the ISM implementation onboard the same day when u joined, ISM amendments, interim ISM, DOC and all.

Question. As a CE how will u reduce CO2 emission onboard on daily basis?

Question. HME declaration substance

Pradeep J, [02.12.19 13:26]

2/12

1st attempt
viswanath sir

Question. How psc inspects ships?

Question. Aft part vibration actions as CE?

Question. Types of bulk cargoes as per IMO?

Question. As CE how u check after installation of BWT plant in sailing?

Question. Bunker taken aft 1st Jan , analysis report shows more than .5% S , actions as CE?

Question. Certificate s to carry as per IMDG code?

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Question. Conditions of assignment?

Question. Hearing observation?

Gurmeet Singh, [02.12.19 11:43]

vishwanathan

5th attempt

Question. Organs of imo

Question. Derating of engine

Question. Eedi eeoI

Question. Close up survey of ballast tank.. What all to check

Question. Compresor not working in manoeuvring action as c/e

Question. External auditor gives nc for missing bunker checklist.. Action as cheif engineer

Question. Hearing observation

Question. Safety documents on board

Question. What is common b/w p&I and H & M, Why

Question. Qualification of R O

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NOV

[Forwarded from Samir Thakur]

28/11

Mr. Vishwanathan

Round 1

Question. isgott

Question. inputs and outputs of masters review, frequency, where it is stated. Etc etc

Question. odme functioning, what all are the inputs

Question. eedi and eedi full form... formula

Question. boiler de rating

Question. m.e in torque rich condition, how will u know, what will u do

Question. types of csm survey. Can chief engineer do it?

Question. Best time to top up ig

Round 2

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Mr. Vikrant rain

Question. what is anniversary date

Question. what csm, can ce do it

Question. ism applies to which ships

Prashant Bharti, [28.11.19 11:27]

28/11

2nd attempt

Question. ammendment of FAL convention

Question. Solas and marpol applicablity

Question. Bunker cl missing,nc ,how to close

Question. details of docking plan

Question. Imo ghg strategy,details

Question. CO2 reduce during cargo operation...here he want all cargo related open

Question. gen hunting,2e calls ..action.gen to offload and stop first, shud be the ans

Question. FO 2020 issues..and what to do

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Bhupender Singh, [25.11.19 23:21]

25.11.2019, DGS

Mr. Vishwanathan

1st attempt

Result: Repeat

Question. What is common between H&M and P&I?

Question. For a new ship , how will you decide the selection criteria for PMS and CMS ? How to decide which mcrs to put under PMS and which under CMS ?

Question. Behavioral safety ?

Question. New 3rd engineer joined and other one leaving after 12 hrs, action as CE?

Question. Manoeuvering going on , you are taking break for lunch and 2E calls you and informs one of main air compressor breakdown, action as CE?

Question. Goal based standards ?

Question. Latest amendments for NOx emissions?

Question. Safety documents onboard?

Question. Ship's duties as per UNCLOS?

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Chetan Chakote, [25.11.19 16:56]
[Forwarded from Chetan Chakote]

Attempt no 3

Surveyor Vishwanath sir

Result fail

Question. iws requirement

Question. what is Moc

Question. Djibouti code

Question. clean ship and clean ship design

Question. master review

Question. bunker checklist missing

Question. what is minimum firing rpm

Question. what is safety culture

[Forwarded from Ash]

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Second Attempt
Mr. Vishwanthan

Question. History of ISM

Question. PSC, powers of psc, clear grounds etc.

Question. Definition of passenger ship

Question. IMO goals on green house gases

Question. Definition of MNC, NC, observation and difference between them

Question. Marpol latest amendments

Question. Aux engine T/C broken beyond repair, actions as C/E

Question. Documents a ship must carry

Question. how to close non conformity

[Forwarded from Ankit]

Attempt 3

Vishwanathan Sir:

Question. Difference between rule and regulation

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Question. Why no code in marpol

Question. Ballast tank inspection ? Cross question line corrosion action to take in case of buckling

Question. Correction, Corrective action , Preventive action examples eg : what will u never find in a root cause analysis

Question. Imo treaty with regards to environmental control (I say Kyoto protocol but he was not happy he says Kyoto is very vast)

Question. CSR how many pages in CSR

Question. Latest guidelines with port emission management

Question. In how many ways u carry out CSM

Question. EEOI AND EEDI definition and formula

[30.10.19 16:57]

[Forwarded from Silva]

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30th October 19

Ext- Vishwanathn

Int- Barik

Question. Dry Dock prep as CE? Asked about budgeting?

Question. Ship in port for 24 hrs time. Unit decarb in process , crane stop working and 2E and ETO say nothing can be done? Action as CE.

Question. correction, CA and PA?

Question. CRS?

Question. when was first Paris MOU?

Question. when will Tonnage certificate get cancelled?

Question. iii code?

Question. You have taken bunker and after analysis u come to know it's offspec fuel and u don't have any place to take compliance fuel?

Question. CIC?

2nd Round Barik Sir

Question. Annex 1 which ship. ?

Question. When in a particular port you don't get compliance fuel and no means of taking compliance fuel in between the voyage you have to take non compliance fuel? What action. ?

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[24.10.19 20:27]

[Forwarded from Rajiv CE]

[Forwarded from Anand Mishra]

(<http://highaimstraining.in/>) 24 Oct 2019

Vishwanath

Question. How will you reduce co2 emmission from vessel during cargo operation.

Question. what is class survey and explain it's type

X what is memoranda and cocs

Q Question. **uestion.** Eedi and eeoii unit

How you measure the eeoii of vessel

Question. Coating technical file it's contents

X **Question.** nox technical file

Question. ballast water mngmt convention in brief application to which all ships and what is cutoff date.

Question. Tonnage certificate gets cancelled when?

Question. It's raining during bunker what action you will take

Manas Venkataramani, [24.10.19 17:39]

Vishwanath

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3rd Attempt

24.10.2019

Pass

Question. Why no code for tankers

Question. BWM applicability?

Question. Marpol 2019 amendments

Question. Lsa code latest amendments

Question. Crane out of order

Question. Problems with vlsfo

Question. Boiler de rating

Question. Min rpm how determined

Question. Diff between psc and vetting

Kamat

Question. Changeover From lpg to ammonia

Question. What happens ammonia comes in contact with IG?

[23.10.19 21:26]

[Forwarded from Rajiv CE]

Forwarded from Ram Dubey:

Vishwanathan sir 23.10.2019

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Question. Ballast tank inspection.

Question. Four points to improve eedi without modification.

Question. Seller send the cargo under cif and the cargo did not reach destination. Who will claim insurance.

Question. Ship is at sea and 2e calls you saying running ae frequency fluctuating between 58 to 62 .. What will you advice /tell him.

Question. Under psc code 17 and 30. What are the implications?

Question. Ro code and can ro do psc inspection.

Question. Sequestration

S D, [23.10.19 13:49]

[Forwarded from S D]

23.10.2019

DG

Vishwanathan sir

Question. Framo functional test before DD.

Question. Diffrence between CLC and bunker CONV.

Question. EEDI,EEOI units

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Question. Bunker checklist missing NC, Action, RCA methods

Question. Isgot

Question. how to know NOX compliant engine

Question. unclos requirements for ship

Archana, [22.10.19 23:11]

[Forwarded from sameer desai]

22.10.2019

4the attempt

Vishwanathan and Kamath sir

1. Amendment in Mar pol Annex V.
2. What is correction,CA, PA explain with examples...
3. Difference between PSC code 17 and 30, what is your role and implications?
- 4.what problems you will faced after 2020 with fuel.
- 5.Aft end vibration what will be your action?

2nd round.

1. As chief engineer what will be your action of plan..
2. If you find in bunker test sulphur content .57%^s . what will be your action?

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Rajiv CE, [22.10.19 17:52]

AMIT GULERIA, [22.10.19 17:38]

Oral on 22/10/19

Vishwanathan sir & Vikrant Rai sir

1. RO code, qualities of RO?
2. Types of class survey & intervals?
3. FOB & CIF?
4. Action as CE regarding Cyber Security?
5. Latest in BWM?
6. BWM convention?
7. Why ESP applicable to bulk carriers & tankers?
8. Loadline convention , what r conditions of assignment?

2 - 3 more by Vishwanathan sir

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Second round?

1. Qualities of RO? Can RO do FSI?
2. Can RO do PSC inspection?
3. BWM applicability?
4. ESP definition applicability?

Ashish Gawdey, [22.10.19 17:39]

22/10/2019 DGS kanjur marg .

Vishwanath

- 1 Dry docking check before and after.
2. Critical periods and reactions in details
3. Which is very first legally binding thing for climate change
4. Difference between Shop trial and ship trial.
5. Marpol amendments which came in 2019 only.
6. Safety documents only not the certificates

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7. EEDI vs EEOI
8. RO code in detail
9. Ballast water management code in detail i told everything but he was not happy with viable organism definition and he was asking how will u chaeck that less than 10 viable organism are there (he was asking how to check it)
10. Liner cracked u changed and started sail now as a chief wngineer ur actions.

Sept

Sept

Mr vishwanath

Vivek Tiwari, [25.09.19 07:59]

20-09-2019

Dgs kanjunmarg

Mr vishwanath

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As a CE how will you handle if you are supplied with wrong fuel (.5 %s) by bunker supplier.

Actions as CE.

2. In what cases tonnage certificate will cancel.
3. EEDI and EEOI expand and units
4. You joined onboard and found oil leakages, hfo and hydraulic oil everywhere. what will be your action as CE.
5. Aft vibrations immediate actions as CE .
6. AE lo analysis report . How you will go with it.
7. What all you will check with load indicator. I said main is bending moment and shear forces.

X que - what all points to be checked along the length of the ship.

8. Social securities as per MS act.

20/9/2019

To which ships solas and marpol applicable

What about other ships which solas and marpol is not applicable

What is international voyage

What is derating how to achieve it methods of derating

What precautions u will take after derating

Draw sfoc v power curve

Advantages of derating

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Interim DOC

Short term DOC

Diff between these

Can another RO conduct a statutory survey issued by another RO

Which all certificate as per IACS guidelines it can survey

Diff bet Correction, CA, PA

e/r crane malfunction during decarb what will be your action

CAS what it is

Safety related doc not certificate on board

Diff bet shop and sea trial

Vikrant rai

Tst tank found with crack ship listed on one side

Now what action you will take as a ce

Which repair method u will do

Diff bet crack and corrosion

What is sustainable corrosion?

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Scopic

f.o not available of 0.5% s what u will do.

Anil, [16.09.19 22:31]

External - Vishwanathan sir

Date 16 sep 2019

Attempt 1st

Question. Behavior safety

Question. cert to carry on board as per hazardous cargo

Question. bwm

Question. Documents to carry onboard for safety

Question. can another RO carry out statutory survey

abhishek sinha, [16.09.19 20:44]

External - Vishwanathan sir , internal - Kamath sir , chief surveyor also asked in 3rd round

Date 16092019

Attempt 2nd

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Dasr - definition

SRP content -

Economiser energy efficiency

Latest imo meeting in July

Ae hunting , action

Csm, types of survey

Mlc implementation as Ce on new ship

2nd round

2020 sulphur cap implementation and preparation as Ce

CIC , latest

Latest iso , pas - public available

Problems with container vessel

3rd round

Passenger vessel definition

Why CE required on-board

Aug

Haresh Sadhwani, [28.08.19 12:37]

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Total Attempts W+O 8

5th Orals

Vishwanath Sir

Internal, only while introduction stage, asked abt first vsl, i said 2002

1. Additional safety measures for Bulk Carrier

What, details as per Solas Ch XII

2. MLC Social Security

3. Full form EEDI n EEOI, units, no formula

4. Latest Marpol, IMO DCS, cross qns abt Port consumption n emission, what is voyage n transport work,

5. Correction ,CA n PA/RCA ,asked me methods,

6. Diff types of Audit under ISM -

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5676734, [26.08.19 11:51]

Internal Vikrant Rai

External vishwanathan sir

Attempt :4

Result :fail

Introduction ,exp how many months

Which ships

- 1)Difference in Ibc and BC code
- 2)Sfoc consumption is high.reason
- 3)How will you calculate sfoc
- 4)Content of noon report
- 5)Marpol amendments of 2019
- 6)Mepc in July 2019

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- 7)What is the treaty of climate change
- 8)How will you prepare fram for drydock
- 9) how will you implement SMs onboard.

Manohar Singh Rathore

27-08-2019 Dgs

Ext: Vishwanathan Sir

Int: Vikrant Rai Sir

Intro Ship types sailed etc

1.Latest on Containers and latest on container ships both?

Explained about foldable containers,

Finate element analysis (special words by Promod Sir)

VGM

LNG type engines

Wartsila dfd engines

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- 2.Crack on one of the liner on ME, detailed action plan as CE?
- 3.Lub Oil analysis of main engine, what all things and what is the significance of each of them?
- 4.Latest on Ballast water mang plan?
- 5.Nox tiers limits & expalin one method in detail to comply tier 3?
- 6.Why marpol and solas not applied on smaller vessels & on what basis admin make rules for these?
7. Tmon all 3 methods and extension methods?
8. Actions after substantial corrosion found , including report and follow up?
9. Can other RO(other than designated) do the statuary surveys, except ism and isps?
10. Engine tuning methods(Thanks to Sen Sir for this)
11. Imo non instrument treties?
12. ME crankshaft deflection and its relevance?

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July

Vishwanathan

dhruv negi, [15.07.19 15:50]

1. Risk analysis and risk management
2. Dynamic stability and angle of loll
3. Flag change. Flag of convenience
4. New ballast treatment plant installed checks.
5. Heavy weather line. Why propeller curves linear.

1. Why so much noise about bwts
2. Polar code ship type.

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Mayur Kamble, [15.07.19 14:05]

2nd attempt 15 july 2019 old mmd

Vishwhanathan sir internal dont know but sure not barik sir

Experience as a 2nd engr tanker

1 cargo tank heating require action as ce

2 egb and aux blr safety vv setting procedure differance

3 imo subcommittes

4 requirement of ce to do csm survey

5 criteria for cms and pms

6 eo go shoreleave and come onboard drnuked actions as ce

7 contents of tank coating file

8 focal pts for closeup survey

9 annex 6 docs and certificates

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June

Royston Dsouza, [28.06.19 09:32]

27th june 2019

Royston Dsouza

Dgs,Vishwanathan,1st attempt

Repeat

1. What is max cargo density that can be carried on product tankers.

Xqn - if vsl designed for density 1.1 can u carry 1.2 density cargo.

Functions of loadicator. Stresses obtained.

show shear stress and bending moment. The points are ER fwd bulkhead and all cargo hold fwd bulkhead

2. In main engine where the maximum stress occurs.

3. What was the very first climate change conference.

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4. Name carbon neutral fuels.
5. One auxiliary Tc damaged beyond repair .Action as CE.
6. Shore reception facilities not available actions to be taken.
- 8.Nox tier 3 latest proposals.
9. Different types of CSM surveys.

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Gurbinder Singh, [28.06.19 12:21]

27.06.2019

Dgs kanjurmarg

Result - fail

1. Previous experience
2. Convention protocol amendment.
- Lots of x ques
3. Liner crack at sea, after changing And voyage resumed, action as CE. Told everything, docs, order new, find out y cracked and rectify,
X ques on y cracked
4. Load line convention, definition, cert x ques

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5. Docs carried onboard regard to safety... only docs no certificates
6. Latest amendment in fal convention
7. GBS
8. Management of change
9. Latest constructional rule for containers. No idea

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Varun Patwardhan, [28.06.19 13:05]

Varun Patwardhan

1st attempt

Rai/ old guy who I don't know/ Mohan pal.

Result : Fail

1. How will you check effectiveness of ism code onboard in short time
2. Principles of insurance
3. How to deal with non compliant fuel onboard

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4. Schedule of surveys onboard
5. Difference between vetting and psc
6. PMS details
7. Condition monitoring in detail
8. Substantial corrosion
9. how to Derate boiler

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**Akshay Jagtap, [27.06.19 12:43]
[Forwarded from Akshay Jagtap]**

27 June 2019

- Q.1 Taking over with ME engine onboard, what all you will do as chief engineer ?
- Q.2 Code 30 and Code 17 difference ?
- Q.3 Loadicator
- Q.4 Clc and bunker convention difference
- X.Q why der is diff in owner for both
- X.Q Why direct action in case of bunker
- X.Q will tanker remain in clean condition, i answered during initial voyage

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Q.5 . 0.5 % sulphur fuel problems ?

Q.6 Competancies of Chief Eng as per Stcw ?

Q.7. Soft skills ?

Q.8 One more from Ism element 10 and observation, NC and MNC

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Js, [27.06.19 19:39]

vishwanathan sir and may be deshpande sir

statrtd with how is ur theory paper

thn me decarb all parts out u have 12 hr left for departure crane malfunctions ur action

reserve buoyancy rsidual buoyancy

bunker going on rain started what to do

shop trial and sea trial

wages not paid for three months ur action

management of change

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K S, [21.06.19 15:10]

[Forwarded from K S]

21.06.2019 (The date I will never forget whole my life)

Ext- vishwanathan sir

Int- Barik sir

Round 1

Intro...

1. Have u seen tank coating file onboard ..

X-Wat r it's contents..

2. Wat is the unit of propeller immersion..

X-How much it should be...

X- for wat u require immersion...

The key is...when propeller tip jus touches the water it is 75% immersion...

3. New 3/E joined...old 3rd engg is leaving in 12 hrs...wat is ur action as chief engg..

4. Wat are the DOCUMENTS(not certificates) required onboard wrt to SAFETY ...

5. wat is 3rd tier of ghg emissions. ..as per mepc 74..

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6. What is management of change...I answered as per definition and wat Is required ..
7. U have a boiler of 12 bar...u found 10-12 tubes are leaking. .superintendent told u that u r going to dry dock in 15 days...come to dry dock at 7 bar...wat is ur action as c/e...
8. wat is ur competence as chief engineer ...where it is written. ..
9. What is code for substitution survey..

Round 2

1. U r going to mumbai...and u find out ur emergency fire pump broke down..u inform company and superintendent says that u won't get impeller in this port...next port is chennai. ..u hv to sail without emergency fire pump working..wat is ur action as chief engineer..

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B S, [21.06.19 12:50]

21- 06-2019

Old MMD

Vishwanathan

1. Engine derating.
2. Types is survey. 3 months plus minus window period. What if I do survey after or before window period
3. FONAR. 0.5% sulphur what to do if no fuel oil available
4. IMO convention how it is enforce. Different sub committee.
5. Close up survey in details said there are 140 points.

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6. Marpol annex 6 content.
7. PDC code 30 and 17 difference. In code 30 you cannot sail out and in 17 you have to rectify before departure both are same
8. AE frequency hunting.
9. Coating file content?
10. Symbol for substitute survey..
11. Which is more dangerous NOx or SOx??

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Kartikeya Srivastava, [19.06.19 20:37]

vishwanathan sir. repeat

what are hazards working in confined spaces.

diff between risk & hazard

master reported company that engine room guys pumping out bilges from fire and gs pump emcy line .supdt ask u to check what u will do as ce

diff between clean ballast tank segregated ballast tank

slop disc criteria

odmcs records how much time to keep on board

ghg 3rd tier proposal

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what will u do if a fuel injector stuck in cyl head.

clc vs bunker convention

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Haresh19/6/2019

Vishwanathan Sir

Question Ism audit report, auditors remark explain gave ex of observation

Question ESI

Question EEDI/EEOI full form

Question Ae tc damaged beyond repair action

Question New 3rd eng joins old sign off ce role

Question Psc regime when 1st psc came

Question Psc dif code 30/17

Question Economizer control efficiency

Question Close up survey cargo tank 7 points

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May

Avnish Aggrawal

Vishwanathan 15/5/2019

Question What is ESI / who gives this index value

Question. what is Economizer Energy Control

question. Why there is no additional code for oil tankers as chemical and gas /why code is not for oil tanker . / why there is no oil code? y u have codes for all chemicals grain gas fuels but no oil

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Question one AE TC damaged at sea, actions?

Question which is latest imo meeting going on. what its agenda

Question Can you do csm as a first time c/e

Question Define observation, nc, mnc, on what basis auditor gives each after completion of audit

Question. correction, corrective action, prevention with example

Question. Clean ship notation, clean design

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[Forwarded from TUSHAR KAREKAR]

Int: Vishwanathan sir, ext: Rai sir

12.05.19 09:23

Question which is latest imo meeting going on. what its agenda

Question Imo subcommittees

Question co2 reduction during discharging.

Question what actions u will take while if charter ask you to proceed with very slow speed

Question mlc implementation as a Chief engineer. how will u implement mlc 2006 onboard.

Question psc and vetting inspection basic difference.

Question Imo vision and what are the strategies/ Imo strategy for 2018-2023. Imo vision

Question which is detention code what for code 17 stands what is difference between two.

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2nd round Rai sir

Question corrective action preventive action difference

Question rest hrs violation and superintendent ask u to. continue for few more days what is ur action

Question One AE out of order and u will be receiving the spares late what is ur action will u take
over or not.

Question which is latest regulation coming in 2020, can u take more than 0.5% S bunker after 1st
jan 2020.

Question What is static and dynamic stability

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T S, [08.05.19 11:15]

2nd attempt

7.5.2019

Vishwanathan sir nad Vikrant Rai sir

- What do u see in close up survey. One line only
- Egcs how does it work ? What happens on low load to egcs and tc
- Latest in imo 2019. Specific to marpol 2019. Also do not say anything abt before he said.
- Imo strategy for 2018-2023. Imo vision
- assignment of freeboard
- Types of csm surveys
- Boiler survey? Is it part of csm

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- Ro code? Can one class conduct surveys on behalf of another
- How will u reduce carbon footprint? what is carbon footprint

Vikrant Rai sir

- Clc aur bunker Mai owner ki defn Mai difference and oil ki defn Mai difference
- serious casualty defn as per casualty code
- prep for 0.5% S as CE
- what is FSA

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Girish sawant.07.05.2019

Vishwanath sir and Vikrant rai sir

3rd attempt

1. Question. Imo organs.

Name subcommittees

India is part of which committee

2. Question Csm. Xq..types of survey under csm Xq..which is the notation given for each types Xq..how will u decide which machinery will be checked by surveyor and which can be checked by you

3. Question. You are in port for 24 hours, carrying out decarb on main engine , after half job , found engine room crane is not working
Action as a chief engineer

4. Question. You are at channel , master asked you to reduce main engine rpm , what minimum rpm you can run engine?

Where you will find minimum rpm value

What is your action as a chief engineer.

5. Question. Main engine (2/s) Turbocharger overspeed trip , why it is given.

6. Question. Ballast water convention

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Difference between us and imo

7. Question. Psc code 17, 30 differences
8. Question. Your emergency fire pump not working how you will convince psco for give code 17 instead of code 30
9. Question. Marpol 2019 amendments
10. Question. How as a chief engineer you will reduce co2 emissions while at sea.

Vikrant rai sir

1. Question. Ism tools for implementation.
2. Question. Role of ce in master review.
3. Question. Qualification of internal auditor.
4. Question. Marpol applicable to which ships.
5. Question. Nox applicable to which ships

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Shivkumar Tallikar, [07.05.19 22:42]

Oral

07.05.19

Internal- vikrant Rai sir

External - viswanatan sir

1. Question. why code is not for oil tanker .
2. Question. HSSE
3. Question. Electrical officer drunk what is ur action as ce.
4. Question. difference bet code 17 and 30.
5. Question. sms implementation
6. Question. Safety culture points.

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7. Question. oil Tanker discharge criteria.
8. Question. fuel oil consumption increased by 2 ton action as ce.
9. Question. wages not paid for last 3 months action as ce.
10. Question. difference between coc and recommendations.

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Kishan Shah, [07.05.19 22:28]

7th may 2019

Internal- vikrant rai sir

External- vishwanathan sir

1. Question. U take new delivery of vessel as chief engineer...super asked u to segregate items under pms and cms...wat is ur approach ...

X Question...which items u will put under cms..

X Question...is cms under class..

2 Question..u r chief engineer and 1 liner crack..u changed the liner and tried out..all good..now wat is ur role as chief engineer..

3. Question. Eedi and eeoii..full form..formula..

X Question...wat is distance in both. ..

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X Question...from where to where...

4. Question. Polar code..

X Question...wat us geographical area..

X Question...wat is difference between the 2 in case of marpol..

5. Question. Ro code..wat are requirements to become ro..

X Question...how many ro under dg shipping

6. Question. Csm..

X Question...types of survey under csm..

X Question...which is the notation given for each types..

X Question...how will u decide which machinery will be checked by surveyor and which can be checked by u

7. Question. Dry dock..wat are the contents of docking plan..

X Question...how much is the gm required...

X Question...wat are the Criteria for ship to capsize. .

X Question...wat happens during critical period..

8. Question. Engine derating..

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X Question...why it is required..

X Question...wat u do for derating the engine. ..

X Question...draw sfoc vs power curve..

Question. advantages & disadvantages of it?

2019/Question. How will you derate engine . When you derate engine /Engine derating, changes required?/ Superintendent ask to carry out derating, what all changes have to be done

..

9. Question. Economiser Energy control

10. Question. Which is the latest meeting of imo

Round 2..

1. Question. BWMS plan contents ..

2. Question. Stability booklet contents..

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April

Pravin Fernandes, [26.04.19 18:05]

External : Vishwanath sir and Pai sir

Question Safety Valve vs Relief Valve? Why safety valve on boiler and relief valve on ME?

Question Clean Design and Clean Ship?

Question Defect list and Repair List?

Question Conditions when taking ship to drydock? What force can cause ship to capsize

Question Regional centers in India for oil pollution

Question Types of audits in ISM?

Question Crew not paid wages for 2 months. Action?

Question Ship loaded with heated cargo at 50 deg. At discharge port need temperature of cargo at 50 deg. How will you plan as ce so as to keep minimum carbon footprint while heating?

Internal: Vikrant Rai Sir

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Question EEDI and applicability?

Question Imodcs and what certificates as per it?

Question 0.5 percent sulphur fuel? why owners are worried and what technical difficulties can face?

Question Indian flag vessels due for drydock loading in India and going to China for discharge and then drydock? How will you u
convince pac not to detain the vessel at discharge port?

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Raman Dwivedi, [26.04.19 15:27]

External Vishwanath sir & Pal sir

Internal Vikrant Rai sir

1. Question New regulation to be enforced in Annex 4 June 2019
2. Question Which imo meeting is going to take place from 4 may to 7 may 2019
3. Question Close up survey of ballast tank, checks
4. Question What is derating, why n how is done
draw a sfoc vs power curve n show
5. Question Diff between code 17 n 30
6. Question As CE how I'll manage the engine room bilges
7. Question Behaviour based safety
8. Question ECA areas n difference of emission control in the ECA area
9. Question Define risk n hazard
10. Question Action as CE your fuel oil consumption increased by 2 tons daily

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**karan ahuja;
16th April
2nd attempt**

External : Vishwanathan Sir Along with Mohan Pal Sir from IMEI...

Internal : Kamath Sir...

- 1) Question How as a Cheif Engineer you will make sure that your ship has less CO2 footprint during Cargo Works...
- 2) Question Action as Chief Engineer when your vessel has sailed out 2 days from a port and you have received a Offspec fuel...
- 3) Question Difference Between Family of engine and Group of Engine...
- 4) Question Supdt has asked you to segregate CMS and PMS machinery... Tell me 5 things you will consider in the decision making and why...

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- 5) Question How will you prove to the PSC inspector that your ship is NOx compliant...
- 6) Question Where is India in the IMO
- 7) Question How is a Convention enforced in IMO...

2nd Round Kamath Sir...

- 1) Question What is Blowback of Boiler
- 2) Question What is Different between Protocol and Amendment
- 4) Question What is diff between Statutory and Class survey

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March

Sandeep, [20.03.19 19:50]

Vishwanathan sir 20-March - 2019

Attempt 4

1. Chemical tanker construction, draw midship section for type 2 and type 3. Differences between them.
2. Overboard valve arrangement.
3. Oil tanker and chemical tanker overboard valve arrangement difference. Why is it underwater for chemical tankers and above water for oil tankers?
4. Fob and CIF.
5. Boiler derating. Changes that would be required.
6. Corrective action and preventive action.
7. Tailshaft surveys methods 1, 2, 3. Names of the methods
8. Class surveys and their intervals.

Few more by Vishwanathan sir can't recollect.

Internal Vikrant Rai:

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1. Docking survey intervals.
2. Advantages of high voltage.
3. Rest hours requirement.

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Rajeev Hembre, [20.03.19 19:33]

20/3/2019

External:Vishwanath sir

Internal:Vikrant Rai sir

1. Conditions for an in water survey
2. How will you implement MLC on a yard delivery vessel?
3. Marpol 2019 ammendments
4. What all is checked in an on hire survey?
5. Difference between psc and vetting? What is it that psc is not bothered about but vetting inspector is?
6. Rest hour requirements as per MLC
7. Masters Review?What is the most important point about it?
- 8.What is ISGOTT and who are its members?
9. Oil content discharge criteria for a tanker

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10. Psc has found that your emergency fire pump is not working and are going to give you code 30.What is your action as a C/E?Difference between code 17 and 30?

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Feb

Nandakumar Naik, [22.02.19 10:19]

Orals by vishwanathan

2nd attempt

Difference between permanent and temporary repair

Difference between dd specs and defect list

Imo structure, when did last imo members meet, who decides the agenda, is India member of imo then where it is in the Structure

If liner has cracked you replaced it now resume voyage, actions as ce

Ultra slow steaming precautions and actions as ce

Hong Kong convention, contents of srp

With regards to engine specs how you come to know engine is tier III compliant

Which all ships does solas appl

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Sushil Paradkar, [21.02.19 19:54]

Sushil Paradkar:

Vishwanathan Sir

3rd attempt

Sushil Paradkar:

Ig filling ideal time

1.Code 17 and 30

2.25 percent crew change

3.Conditions of assignment

4.Oil spill centres in india

5.Chief officer informs u...cargo

Going at slow rate

Action as chief Engineer

6.Statutory certificates as per unclos

7.PMS CMS

8.How vessel can be offhire

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9.Cyber security...in detail

How to implement in company

Muhammad, [21.02.19 18:31]

External vishwanath sir

- 1.) 15 ppm not working,psc detention.
- 2.) On hire survey
- 3) marpol latest anx5 amendments.
- 4.) Boiler derating.
- 5.) Clean ship n clean design
- 6) New ship how u implement Ism.
- 7) New type of Engine u join..
- 8) PMS vs CMS
- 9.) BDN
- 10.) U are not getting charter speed.. Action
Internal..
Code30 17 diff.

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Substantial corrosion

Major non conformity definition

Jackson Fernandes, [21.02.19 15:37]

19 Feb 2019

- experience after class II
- precautions ull take before entering Drydock w.r.t stability of ship?
- Xq-why +GM; what is sufficient +GM? What's they normal GM value? What is critical time?
- How free surface effect is reduced in cargo spaces in LPG ships?
- how IMO conventions are enforced?
- what FO changes coming up in2020?what are the technical difficulties associated for ship owners?
- what are the marpol amendments in force since1Jan2019 for annex VI?
- MSC 100

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- various class surveys and their intervals?
- Can annual and intermediate survey be fine together?
- one AE TC damaged at sea, actions?
- boiler de rated(12bar to5bar) , actions to run it at that pressure?
- what is HRS, LRS & SRS? what is the basis of this classification?

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Dinesh Kathirvelu, [21.02.19 00:40]

20/02/2019

Vishwanathan Sir.

Done Gas carrier ships .

- 1) MLC onboard complain procedure and off shore.
- 2)How will you derate engine . When you derate engine .
- 3) One unit liner renewed action as c/e after that.
- 4)what is difference between convention,protocol and amendment.
- 5) what is Stcw 2010 called? What is the need of the meeting at manila.
- 6) Solas, Marpol, Stcw, Ism history how it came.
- 7) definition of unseaworthy and unsafe ship.
- 8)what is the full name of ballast water convention.
- 9) what is the difference between inspection and survey.
- 10) difference between the defect list and repair list.

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Vikranth Rai Sir.

- 1)What is non conformity and major nonconformity
- 2) what is subdivision load line,where it is used.
- 3) LNG advantage and disadvantages.
- 4) why LNG used compared to other fuel.
- 5) condition of assignment .
- 6) if ship is loaded more than load line then it is unseaworthy or unsafe ship.

For unsafe ship do PSC can detain the vessel?.

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joseph, [20.02.19 13:48]

Today

Attempt-2

Oral- Vishu

1. Bulk carrier all certificates and docs
2. CA,PA
3. Plimsoll lines paint peeled off action
4. Newly 3E joined and outgoing 3E leaving early.
5. New convention coming force what is mgmt team
6. Engine tuning
7. Imo commitment to climate change
8. Condition of assignment

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Prince Spencer, [19.02.19 18:34]

19/2/2019

Vishvanathan

First attempt

- 1) non treaty organization of IMO and explain any 2
- 2) ballast water convention latest amendments if any or how it will ship will have treatment plant n last dates.
- 3) sms implementation as taking over as chief engineer
- 4) third engineer signing off as chief how u will guide new third to take over duties
- 5) ship grounded n take. To dry dock as chief engineer what checks u will carry out
- 6) 5 operations on tankers in this operation how will u reduce co2 emissions as chief engineer
- 7) ig topping up of tankers. Asking during day or night u will top up. Support statement with at least 5 reasons
- 8) Tuning of engine

Vikrant Rai

Low risk; high risk and standard risk ships

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Raman Dwivedi, [19.02.19 16:35]

Raman Dwivedi:

Internal Vikrant Rai sir

External Vishwanath sir

Type of ship

Exp as 2e

1 cargo discharge criteria for oil tanker

2 discharge criteria for chemical tanker

Why overboard valve is above an below water line

Location of valve

3. List 5 ways to reduce CO2 emissions from cargo work

4 polar code

5 Docking plan

6 As CE action bille tank is full and you are going to coast for a week.

7 eedi n eeo full from,units, why units are different

8.Shop trail n ship trail

9. Why there separate is ibc code for chemical tanker

What is there for oil tanker

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ASHUTOSH, [18.02.19 21:16]

External Vishwanathan

Introduction, (I did gas ships)

IGC Code book,

Ship's length as per tonnage convention,

IMO resolution on first page of stability booklet

How will u check quickly that SMS is implemented on ur ship,

CIF, what is C,

FAL convention amendments,

SRP in hongkong convention,

not able to remember more questions, will post whenever I'll remember, all we're usual questions....he wanted to know the reasons and logic behind each and every question, some I gave some I wasn't able to,

Internal V.Rai

Con rod bolts of AE are breaking again and again, u r sent on-board for investigation, how will u go about it.

Why various PSC's have formed a group together, advantage and disadvantage for doing like this.

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Jan

Kartikeya Srivastava, [30.01.19 15:35]

Ist attempt repeat

Vishwanathan sir

Csr ,why form 3?

Lodicator , where all it measure, what all points.

Disch criteria for cargo sludge ,ird formula.

Iso kinematic connection in ballast water line .

What psc can do what vetting inspector cannot do. What vetting inspector is looking for and psc inspector didnt bother about it.

Cif. Fob .

What is common in all convention .

Manas Venkataramani, [30.01.19 15:22]

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Manas

1st attempt

Vishwanathan

- Conditions of assignment
- Defn of length as per tonnage convention
- 1 aE Tc damage actions as CE
- Latest marpol amendments as of 1jan 2019
- Msc 100 discussions
- Family of engines and group of engines
- Diff between code 17 and code 30
- Why there is no code for tankers when there is code for bulk and gas ships?
- types of ship as per imo
- What is international voyage?

Where is it defined?

Mayur Patel, [30.01.19 15:44]

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Mayur - 30-jan-19 - 1400hrs

First attempt - Vishwanathan

1. How to implement MLC, 2006 after joining as CE.
2. How will you know SMS is followed as soon as you join the ship in first day??..
3. CIF & FOB in detail

Xq - if the goods is in voyage after 2 days it gets damaged who will put claims..

4. Documents to be checked for carrying solid dangerous goods in bulk.
6. New 3 e joins ship.ship going to sail in 12 hrs. What all things as CE you will do...
7. How to implement safety culture onboard ship.

Xq- Code of safe working practices how many chapters.

Details

9. Criteria for becoming CE .. where it is given - STCW.. Which chapter - IIIA ...
10. 5 things you will do to reduce CO2 emissions onboard while sailing..
11. What all ships done after class 2 - Bulk carriers - Types of engines - Sulzer wx engines... What is redundancy in these engines - 100%. How to find out redundancy of engines in electronic engines..

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Mayur Kamble, [30.01.19 23:44]

30 jan 19

1st attempt vishwanathan

1 convention protocol ammendments

2 bwts convention

3 psc codes

4 psc onboard emcy fire pp not working detained ship code 30 convince him for code 17

5 imo organs

6 ae tc broken during tank cleaning oorations no spares onboard actions u r taken as a ce

7 preparation before drydocking

8 latest mepc

Rishab Gupta, [26.01.19 12:57]

[Forwarded from Rishab Gupta]

1. Engine derating, changes required?
2. Sea chest damage, actions to be taken?
3. Crack in foundation bolts, reasons?
4. Diagram of windlass, reason if anchor drops uncontrollably, actions if anchor not heaving up?

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5. Anti heeling system, how is heeling measured and how system works?
6. various types of turbocharger?
7. difference between ESP AND CHS?
8. Difference between recommendation and coc.
9. Tailshaft survey and what is required if TMON notation is given?
10. Endurance test of ship.

Shiv, [23.01.19 18:16]

Oral date :23/01/2019.

External Vishwanathan, internal : kamat. Result: PASS

1. imo organs..in detail..
2. csr details- why form 3 required.
3. fuel consumption increased by 2 tons. what are the reasons.
- 4.why ship vibrations are more in ballast voyage then in loaded condition.
- 5.on hire survey checks
6. latest class notations- cyber security, why it is required.
7. If psc is giving code 30 for emerg gene. not starting..how as as ce u will convince him to give code 17..
few more questions

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internal kamat

1. how to change cargo from lpg to ammonia.
- 2.what happen when lpg and ammonia come in contact.

Thanks High Aims for online classes.. Thanks Rajiv sir and Promod sir. and all group members

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