

**ON BOARD TRAINING
RECORD BOOK FOR DECK
CADETS**

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10. Cargo handling – dry cargo ship

11. Cargo handling - tanker

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2. Operating with lifesaving appliances

3. Fire protection and firefighting equipment

4. General duties on board

5. Maintaining the navigational watch

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8. Communications

9. Meteorology

10. Cargo handling – dry cargo ship

11. Cargo handling – tanker

Calculation of the trim and stability

Calculation of the ship's stability

12. Familiarization with the engine room

Other activities

TRAINING PROGRAMME AND ON BOARD TRAINING RECORD BOOK FOR DECK CADETS
PARTICULARS OF CADET

Name in full:	
Home Address:	
Place and Date of Birth:	
Seafarer's Book No:	
Educational Center:	
Address of the Shipping Company:	
Country:	
Competent Ministry:	

SHIPBOARD SERVICE RECORD

SHIP BOARD SERVICE RECORD						
SHIP'S No	SHIP'S NAME AND PORT OF REGISTRY	SEAGOING SERVICE				MASTER'S SIGNATURE
		DATES		TOTAL SERVICE		
		JOINED	LEFT	M.	D.	

PARTICULARS OF SHIP

SHIP'S NUMBER: _____

SHIP'S NAME: _____ CALL SIGN: _____

**GENERAL
PARTICULARS**

Gross tonnage	_____	
Net tonnage	_____	
Length OA	_____	
Breadth	_____	
Depth	_____	
Summer draft	_____	
Summer freeboard	_____	
Deadweight	_____	
Light displacement	_____	
Bale capacity	_____	m ³
Grain capacity	_____	m ³
Liquid capacity	_____	m ³
Refrigerated capacity	_____	m ³
Total capacity of ballast	_____	t

MAIN ENGINE

Type of engine	_____	
Type of boiler	_____	
Type of bunker	_____	
Daily consumption	_____	
Bunker capacity	_____	
Main engine output	_____	kW
Screws	_____	
Service speed	_____	
Rev. of screw per minute	_____	

ANCHORS

TYPE AND
WEIGHT

Port	_____
Starboard	_____
Spare	_____
Length of anchor chain	_____
Type of anchor winch	_____

MOORING GEAR

length and
Ø

Type of Natural fibre	_____
Type of Synthetic fibre	_____
Wires	_____
Type of towing spring	_____
Type of mooring winch	_____

CARGO HANDLING GEAR

Number and SWL

Derricks	_____
Cranes	_____
Cargo winches	_____
Other gear	_____
Type of hatch covers	_____
a) Main deck	_____
b) Tween-deck	_____

NAVIGATIONAL EQUIPMENT

Type

a) Magnetic compass	_____
b) Gyro	_____
Radars	_____
Log	_____
Echo sounder	_____
Other equipment and navigational aids	_____

**LIFESAVING
EQUIPMENT**

Number and
capacit

Lifeboats	_____
Life-rafts	_____
Rescue boat	_____
Davits (type)	_____
Life rings (number)	_____

**PORTABLE FIREFIGHTING
EQUIPMENT**

Number and
capacity

Foam	_____
Dry powder	_____
CO ₂	_____
Fire hoses (number and diam)	_____
Breathing apparatus (number and type)	_____

GUIDELINES FOR COMPLETION OF THE RECORD BOOK

TASKS OF FAMILIARIZATION

A cadet should complete tasks listed below as soon as possible after joining a ship. The scope of these tasks is familiarization with the location of the equipment on the bridge, as well as the location of communicational equipment and all systems regarding safety of the navigation.

The scheme of the navigating bridge with equipment and the scheme of all decks with symbols for firefighting equipment and lifesaving appliances must be drawn on the paper. Verified schemes must be enclosed with the Record Book.

1. SAFETY

Knowledge of the international and national regulations has great importance regarding safety at sea. The precaution measures referring to listed tasks must be studied in the beginning of the training. Special attention should be paid to the preparation for emergency steering and change over to emergency steering.

A cadet should perform his tasks under supervision until he gains sufficient experience.

2. OPERATING WITH LIFESAVING APPLIANCES

Listed tasks should be performed during launching and abandon ship drills. A cadet should not command in the drills until he gains experience and becomes acquainted with all the duties of the crew during the drill.

3. FIRE PROTECTION AND FIREFIGHTING EQUIPMENT

Thorough knowledge regarding handling with firefighting equipment is necessary for practical performance during drills on board. After gaining experience a cadet should be given an opportunity to command firefighting teams.

4. GENERAL DUTIES ON BOARD

Tasks include duties connected to operations on the deck. Special attention should be paid to independent operating of cargo handling gear and maintenance of deck equipment.

5. MAINTAINING A NAVIGATIONAL WATCH

The requirements of the stated Conventions are to be studied. A cadet must perform watchkeeping service for a period of not less than six months. (It is recommended equally with each of the officers.)

Practice of radar plotting must be done on the enclosed forms in the Record Book. The results must be described as well as the procedures for avoiding collision if such procedure requires drawing. The performance of knowledge of Regulations for Preventing Collisions at Sea is based on recognition of lights, symbols and sound signals.

6. NAVIGATION

Includes all navigational tasks of the officers maintaining the watch. The scope of these tasks is as independent as possible practice of the cadet.

Various methods should be used for determining ship's position. Navigational calculation must be enclosed with the Record Book in compliance with the date it was done. These calculations must be based on various methods:

- computation
- tables
- computer

7. MANOEUVRE THE SHIP

Practices of steering and handling of engine telegraph are mandatory. Complete understanding of commands in English is compulsory.

8. COMMUNICATIONS

When appropriate a cadet should practice Morse Code by light to another ship or coast. The use of IMO Standard Marine Communicational Vocabulary is recommended.

9. METEOROLOGY

Attention should be paid to keeping Ship's Meteorological Log and basic knowledge from meteorology.

10. CARGO HANDLING – DRY CARGO SHIP

While performing these tasks attention should be paid to the following:

- | | | |
|---|---|---|
| 0 | 0 | check of cargo handling gear prior to loading and unloading the cargo |
| 1 | 1 | inspection of entrances into the cargo holds |
| 2 | 2 | supervision of loading and unloading of cargo |
| 3 | 3 | check of correct separation of cargo |
| 4 | 4 | knowledge of all regulations of IMDG Code referring to cargo |
| 5 | 5 | check of any damage to cargo |
| 6 | 6 | keeping the Deck Log |

Stability calculations must be recorded in this Record Book in compliance with the date it was done. Various methods may be used for the calculation.

11. CARGO HANDLING - TANKER

A cadet must thoroughly study guidelines regarding operating the ship and cargo. Prior to cargo handling practice a thorough knowledge of all procedures is required. Special attention should be paid to the precaution measures for protection of the environment and supervising the mooring lines due to considerable changes in draft.

12. FAMILIARIZATION WITH THE ENGINE ROOM

These tasks should be performed in cooperation with chief engineer.

OTHER ACTIVITIES

The tasks not listed in previous chapters are recorded here.

FAMILIARIZATION TASKS

ORDINAL NUMBER OF THE SHIP:

TASKS	TASK PROCESSED AND PERFORMED			
	DATE	OFF. IN CHARGE	SIGN. OF THE CHIEF M.	REMARKS
LEARN THE LOCATION OF EQUIPMENT ON THE NAVIGATING BRIDGE LEARN THE INTERNATIONAL COMMUNICATION SYSTEM LEARN PROCEDURE OF CHANGING OVER FROM AUTOMATIC TO MANUAL STEERING FAMILIARIZE WITH LOCATION OF ALL LIFESAVING APPLIANCES FAMILIARIZE WITH LOCATION OF FIREFIGHTING EQUIPMENT AND INTERNATIONAL CONNECTION FAMILIARIZE LOCATION AND OPERATION OF FIRE DETECTOR AND FIXED FIREFIGHTING SYSTEM READ GUIDELINES FOR DRILLS, MUSTER LISTS AND PROCEDURES FOR EMERGENCY SITUATIONS LEARN THE ALARM SIGNALS FOR FIRE, EMERGENCY AND ABANDON SHIP LEARN THE METHOD OF STOPPING THE MAIN ENGINE IN THE EMERGENCY INCLUDING REMOTE CONTROLS				

These tasks should be done as soon as possible after a cadet joins the ship.

1. SAFETY

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Read and understand the regulations of the shipping company 2. Read the book ILO-prevention of accidents on board in port or at sea or national code of safety at work. 3. Read and understand regulations for safe operations with: 0 0 Tankers 1 1 Chemical tankers 2 2 Gas tankers 3 3 Bulk carriers 4 4 Regulations for carriage of grain 5 5 IMDG Code 6 6 Wood as the deck cargo 7 7 Other types of ships 4. Explain precaution procedure for entrance into the enclosed spaces 5. Calibrate and use an oxygenmeter 6. Check and use an indicator of combustible gases (if applicable) 7. Use other equipment for gas detection 8. Check steering equipment prior to departure 9. Change over from bridge steering to emergency steering 10. Assist during start-up of emergency steering (in the engine room) 11. Proper usage of protective clothing and equipment					

2. OPERATING WITH LIFESAVING APPLIANCES

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
0 Understanding of labels on lifesaving appliances with respect of maximum number of persons allowed on board lifesaving appliances. 1 Preparation and launching of the lifeboat with supervision of the officer in charge. 2 Operating the boat: a) rowboat b) engine powered boat c) sailing boat (if applicable) 3 Knowledge of using the pyrotechnics in the lifeboats. 4 Setting a portable radio-station into the boat and demonstration of its use. 5 Knowledge of using the EPIRB buoy in the lifesaving appliances. 6 Starting up and operating the engine in the lifesaving appliances. 7 Survey of the equipment in the boats and lifesaving appliances. 8 Survey of food and water required per person in lifesaving appliances. 9 Assistance in maintenance of: 0 lifeboats and rescue boats 1 davits and other devices 2 liferings and jackets 3 other lifesaving appliances 10 Knowledge of location and operation with: 1. pyrotechnics on board 2. line-throwing appliance 3. means of radio communications in compliance with Convention for the Search and Rescue at Sea 11 Familiarize with procedure man over board 12 Learn the procedure of lowering					

3. FIRE PROTECTION AND FIREFIGHTING EQUIPMENT

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
<ul style="list-style-type: none"> – Explain the procedure regarding the use of portable firefighting extinguishers: <ul style="list-style-type: none"> 0 water 1 dry powder 2 CO₂ 3 foam 4 others – Participate in maintenance and refilling of portable firefighting equipment – Participate in control and maintenance of the following equipment on board: <ul style="list-style-type: none"> 0 fire detection devices 1 fire alarms 2 sprinkler systems 3 fixed foam systems 4 CO₂ system – Use of breathing apparatus. – Command the fire fighting team during the drill. – Perform the fire patrol. – Familiarize with the location and the method of starting up the fire pump – Familiarize with fire protection measures during welding and work with open fire. 					

4. GENERAL DUTIES ON BOARD

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
PRACTICE WITH SHIP'S ROPES 1. Practice of knots 2. Practice of splices 3. Assistance while wire splices are being made					
MAINTENANCE AND CLEANING OF THE SHIP 1. Preparation of the surface for painting 2. Painting and use of sprayer 3. Cleaning and survey of water tanks 4. Cleaning of holds and bilges 5. Cleaning of the spaces in the superstructure.					
OPERATION WITH DECK EQUIPMENT WITH SUPERVISION OF THE OFFICER 1. Operating the cranes 2. Operating the derricks 3. Operating the winches 4. Operating the hatch covers					
MAINTENANCE OF THE DECK EQUIPMENT 1. Lubricating the deck equipment 2. Assistance in maintenance of fixed and movable parts of the rigging and cordage 3. Dismantling the rigging and cordage' 4. Supervision of the cargo handling gear regarding certificates with certification of the chief mate.					
TASKS IN A DRY DOCK 1. Survey of the keel, rudder plate, screw and cathodic protection 2. Survey of the cleaned and painted underwater part of the hull 3. Survey of the anchors and anchor cable 4. Survey of the marks of the anchor cable and renewal 5. Survey of the anchor store and determination of the method for securing the anchor cable 6. Survey of the transmitter and receiver of the echo sounder 7. Survey of the transmitter and receiver of the ship's log					
OTHER GENERAL DUTIES					

1. Assistance in preparation of the ladder, handholds and a net.					
2. Measuring of the level of liquid in the bilges and tanks					
3. Survey of the stores and assistance in stowing					
4. Handling with device for mechanical ventilation of the holds (where fitted)					
5. Closing and covering of air flaps					
6. Survey of the ship regarding stowaway.					
7. Assistance in preparation of the ship for bad weather					

5. MAINTAINING THE NAVIGATIONAL WATCH

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
<p>MAINTAINING THE WATCH AT THE NAVIGATING BRIDGE</p> <p>A cadet has basic knowledge of the officer on the watch in compliance with the provision II/I of the STCW Convention 1978 and practical knowledge of the officer keeping the watch from the Resolution of the 1st Conference on Training and Competences of the Seafarers 1978.</p> <p>1. Spend at least 6 months keeping the watch with the supervision of the officer in charge:</p> <ul style="list-style-type: none"> – Keeping the watch with the 3rd mate – Keeping the watch with the 2nd mate – Keeping the watch with the chief mate <p>2. Learn the correct procedure of shifting the officers on the watch.</p> <p>3. Practice radar plotting when it is nice weather, analysis of the situation and comparison of the results with visual observations.</p> <p>4. Familiarize with all circumstances when officer must call the master.</p> <p>5. Familiarize with duties of the officer on the watch during embarkation and disembarkation of the pilot.</p> <p>6. Keep the anchor watch with supervision of the officer in charge.</p> <p>7. Familiarization and correct explanation of the International Regulations for Preventing Collisions at Sea 1972:</p> <ul style="list-style-type: none"> Regulation 1 Regulation 2 Regulation 3 Regulation 4 					

Regulation 5						
Regulation 6						
Regulation 7						
Regulation 8						
Regulation 9						
Regulation 10						
Regulation 11						
Regulation 12						
Regulation 13						
Regulation 14						
Regulation 15						
Regulation 16						
Regulation 17						
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Regulation 25						
Regulation 26						
Regulation 27						
Regulation 28						
Regulation 29						
Regulation 30						
Regulation 31						
Regulation 32						
Regulation 33						
Regulation 34						
Regulation 35						
Regulation 36						
Regulation 37						
Regulation 38						
Annex I						
Article 1						
Article 2						
Article 3						
Article 4						
Article 5						
Article 6						
Article 7						

Article 8					
Article 9					
Annex II					
Annex III					
Annex IV					
KEEPING THE WATCH IN A PORT					
A cadet has theoretical and practical knowledge regarding the officer on watch in a port from the Resolution 3 of the Conference on Training and Competences of the Seafarers 1978.					
1. Keep the watch in a port with supervision of the officer in charge.					
2. Check the mooring lines and ladders.					
3. Read the drafts and check the underkeel clearance.					
4. Keep the deck log.					
5. Check the readiness of the ship and filling the check list (prior to departure) with the 1 st mate					
6. Assistance while filling the checklist (before arrival) with the officer in charge.					

RADAR PLOTTING

date:.....

OWN SHIP:

$C_{tr} =$

$V =$

OBSERVED SHIP:

$C_{rel} =$

$V_{rel} =$

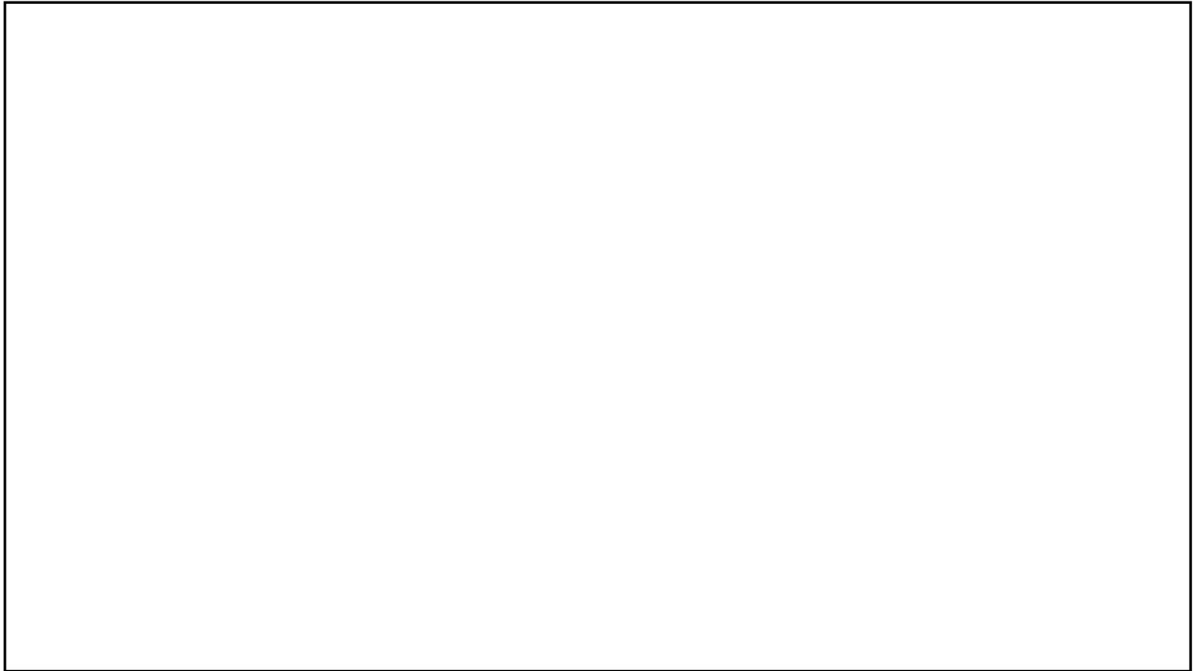
$C_{tr} =$

$V =$

CPA =

TCPA =

ANALYSIS OF RADAR PLOTTING
(DESCRIPTIVE)

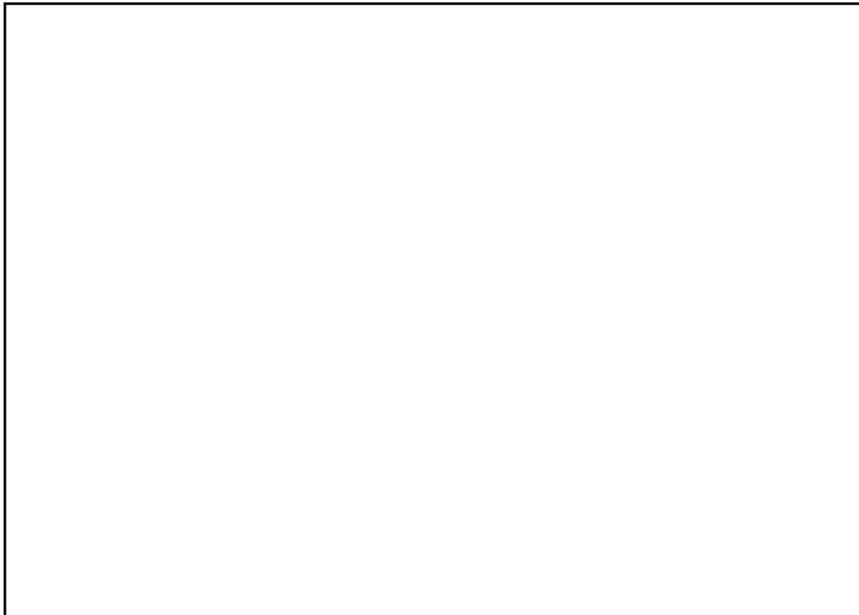


SIGNATURE OF THE CHIEF MATE:

6. NAVIGATION

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
PRACTICE ON CHARTS: 1. Explain symbols and abbreviations on charts 2. Use of catalogue of charts and choice of charts for the route. 3. Lay down the courses and bearings 4. Change of fixes from one chart to another. 5. Measuring of distances and calculation of ETA. 6. Correction of charts with supervision.					
USE OF NAVIGATIONAL MANUALS AND CORRECTION WITH SUPERVISION: 0 List of lights 2. List of radio signals 3. Pilots.					
POSITION FINDING AND LAY DOWN IN CHART BY: 1. Radar 2. Gyro repeater 3. Radio detection finder 4. Sextant (with correction of errors) 5. Echo sounder 6. GPS					
NAVIGATIONAL CALCULATIONS OF: 1. Rhumb line and great circle 2. Position of the ship by the celestial bodies (with control of the chronometer) 3. Control of the deviation of the gyro and magnetic compass and writing the deviation record book. 4. High and low water for main and secondary ports. 5. Depth of the sea for the given time and the time for the given depth. 6. Speed, direction and drift of the current. 7. Daily rate and distance to the destination.					

CALCULATION OF THE GREAT CIRCLE AND THE RHUMB LINE
date:.....



SIGNATURE OF THE CHIEF MATE:

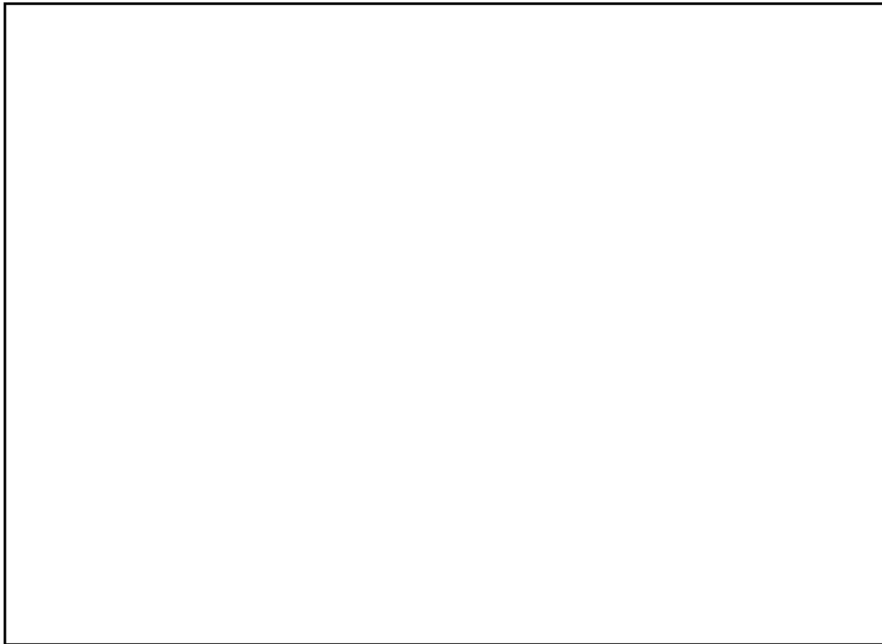
FINDING POSITION BY THE CELESTIAL BODIES

date:.....



SIGNATURE OF THE CHIEF MATE:

DRAWING OF THE POSITION OF THE SHIP
date:.....



SIGNATURE OF THE CHIEF MATE:

CONTROL OF THE DEVIATION OF THE MAGNETIC AND GYRO COMPASS

date:.....

A large, empty rectangular box with a thin black border, intended for recording data or observations during the compass control process.

SIGNATURE OF THE CHIEF MATE:

CALCULATION OF HIGH AND LOW WATER FOR MAIN AND SECONDARY PORTS
date:.....

SIGNATURE OF THE CHIEF MATE:

CALCULATION OF THE DEPTH OF THE SEA FOR THE GIVEN TIME AND CALCULATION OF THE
GIVEN TIME FOR THE GIVEN DEPTH

SIGNATURE OF THE CHIEF MATE:

TABLE FOR THE DIFFERENCE IN HEIGHT BETWEEN MAIN AND SECONDARY PORT IN THE
CALCULATION OF HIGH AND LOW WATERS

SIGNATURE OF THE CHIEF MATE:

7. MANOEUVRING AND OPERATING THE SHIP

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Steering by gyro compass 2. Steering by magnetic compass 3. Steering during entering or leaving the port 4. Understanding the helm orders 5. Operate with telegraph, phones on the bridge and ship's siren during entering or leaving the port 6. Write the bell book 7. Explain importance of adjusting the watches with the engine room 8. Assist berthing and unberthing on bow and stern 9. Operate the winches 10. Assist during dropping the anchor 11. Assist the heaving up of the anchor and securing for the navigation 12. Assist and control of coiling down the ropes 13. Prepare pilot ladders and be ready during embarkation and disembarkation of the pilot					

8. COMMUNICATIONS

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Maintain the lamps and batteries for signalling by day 2. Practice Morse code ship to ship and ship to coast 3. Practice the radio-telephony with supervision, using the Standard Marine Navigational Vocabulary 4. Learn the procedure of starting up the automatic radio telephony radio signal 5. Use the International Code of signals					

9. METEOROLOGY

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Estimate force and direction of the wind					
2. Estimate sea condition					
3. Estimate visibility					
4. Read:					
a) Thermometer					
b) Hygrometer					
c) Barometer and barograph					
5. Recognize types of clouds					
6. Use the meteorological code to fill out the meteorological log book					

10. CARGO HANDLING – DRY CARGO SHIP

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Assist the cleaning and preparation of the ship's holds 2. Check the bilges 3. Check the drains from the deck and holds 4. Close and open circumferential cover on the ballast tank 5. Check the watertightness of the hatch covers 6. Supervise of the opening of the hatch covers 7. Check the hand guard on the hatch 8. Check the ladders and handholds and report any damage discovered 9. Supervise of placing the dunnage before and during loading of cargo - Check the cargo lifting gear before and during cargo handling operations 11. Provide lights in the cargo holds. 12. Check weather passageways are passable. 13. Assist the officer supervising loading and discharging the cargo 14. Assist the separation of cargo 15. Read the guidelines of IMDG code prior to operation with dangerous cargoes					

16. Supervise implementing of the provisions of IMDG code during operations with dangerous cargoes					
17. Prepare and use the cargo plan					
18. Check the quantity of the loaded cargo by draft readings					
19. Calculate ship's stability					
20. Assist in closing and securing of hatch covers for navigation					
21. Check the cargo lashings for:					
a) Containers					
b) Vehicles					
c) Deck cargo					
22. Participate in preparations and securing of derricks and deck cranes					
23. Mark every damage on cargo or the ship and inform the chief mate					

11. CARGO HANDLING – TANKER

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Read and understand the International Safety Guide for Oil Tankers and Terminals and instruction manuals of the ship					
2. Assist the officer in charge in preparations for:					
a) Loading					
b) Discharging					
c) Ballasting					
d) Tanks cleaning					
3. Perform measures for pollution prevention:					
a) Place the drain plugs					
b) Place the oil tray					
c) Place the materials for absorption					
d) Close and secure the sea valves where applicable					
e) Close the flanges with covers for the connections for more pipes					
f) Check the sea in the vicinity of the ship					
g) Check the leakage on the connections and deck pipeline					
4. Assist the officer in charge during:					
a) Loading					
b) Discharging					
c) Ballasting					

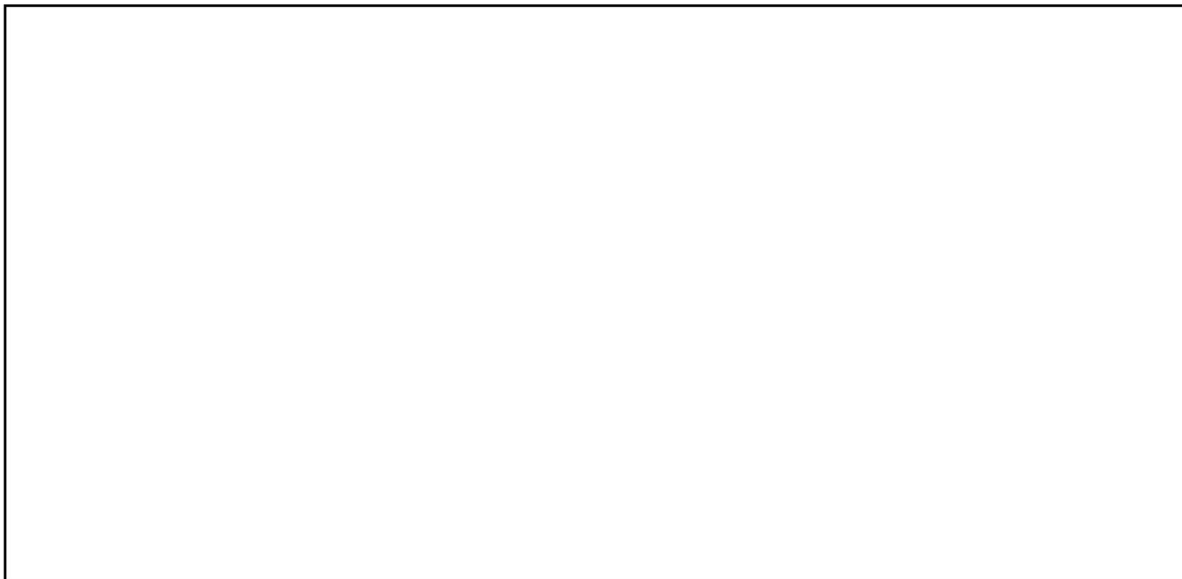
<p>d) Cleaning of the tanks including crude oil washing if applicable</p> <p>e) Gas freeing</p> <p>5. Learn the signals used between the ship and coast during loading of the cargo</p> <p>6. Learn the use of the equipment in the cargo control room</p> <p>7. Assist in handling with tank and stripping tanks</p> <p>8. Explain why the ship must not be trimmed by the head prior to loading of the cargo</p> <p>9. Assist in use of inert gas system</p> <p>10. Keep the Cargo Record Book with supervision</p> <p>11. Specify the required incoming data in the oil record book</p> <p>12. Describe the procedure of entering into the enclosed spaces</p> <p>13. Prepare the safety equipment and assist while entering the tanks</p> <p>14. Conduct the cargo calculation</p> <p>15. Use the loading computers for checking the bending moments and shearing forces</p> <p>16. Use the oil/water interface detector</p> <p>17. Operate the system for inspection and control of the discharge</p> <p>18. Read the measuring instruments for the ullage and pressure in the tank</p> <p>19. Sound, read the temperature and take the sample from the tanks</p>					
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CALCULATION OF THE TRIM AND STABILITY

1		2		3	4		5	6	
COMPARTMENT	WGT.	FULL %	GRAIN HEL. MOM.	FROM BASE LINE		FROM A PERPENDIC.		SLACK	
				LEVER	MOM.	LEVER	MOM.		
	T		TM	M	TM	M	TM	TM	
LIGHT SHIP									
SPARES, CREW & EFFECTS									
MISCHELLANEOUS									
ICE HORIZONTAL									
ICE VERTICAL									
HEAVY FUEL OIL									
DIESEL OIL									
LUBRICATION OIL									
FRESH WATER									
CARGO									
BALLAST									
TOTAL									

CALCULATION OF THE SHIP'S STABILITY

date:.....

A large, empty rectangular box with a thin black border, intended for the calculation of the ship's stability.

SIGNATURE OF THE CHIEF MATE:

12. FAMILIARIZATION WITH THE ENGINE ROOM

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	
1. Learn the methods of leaving the engineroom in the emergency 2. Familiarize with the location and operation of the firefighting and safety equipment in the engine room 3. Spend one day keeping the watch with each of the officers in the navigation 4. Spend one day familiarizing the maintenance of the engineroom 5. in the engineroom while leaving or entering the port T A N K E R S 6. in the engine room during starting up and stopping of the cargo pumps					

OTHER ACTIVITIES

TASKS	ORDIN. NUMBER OF THE SHIP	TASK PERFORMED			REMARKS
		DATE	OFF. IN CHARGE	SIGN. OF THE CH. MATE	