

LLOYD'S REGISTER OF SHIPPING

Index No. _____
(For London Office only.)

UNITED WITH THE BRITISH CORPORATION REGISTER

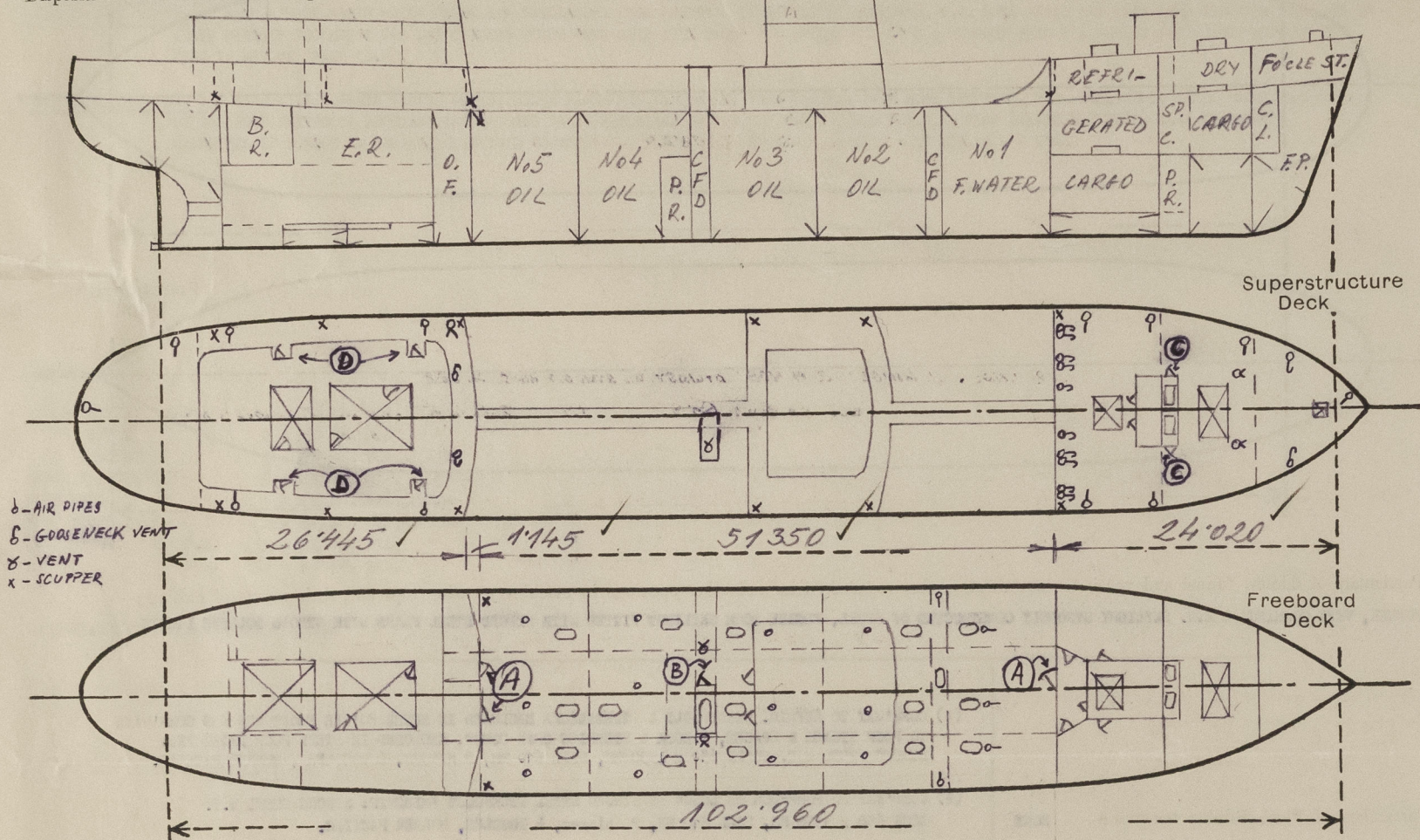
SPT. RPT. No 2589/F

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name R.I. SORONGPort of Survey SDLTOfficial Number 911Surveyor's Signature [Signature]Nationality and Port of Registry INDONESIANDate of Survey WHILST BUILDING

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

IN ACCORDANCE WITH APPROVED PLANS.

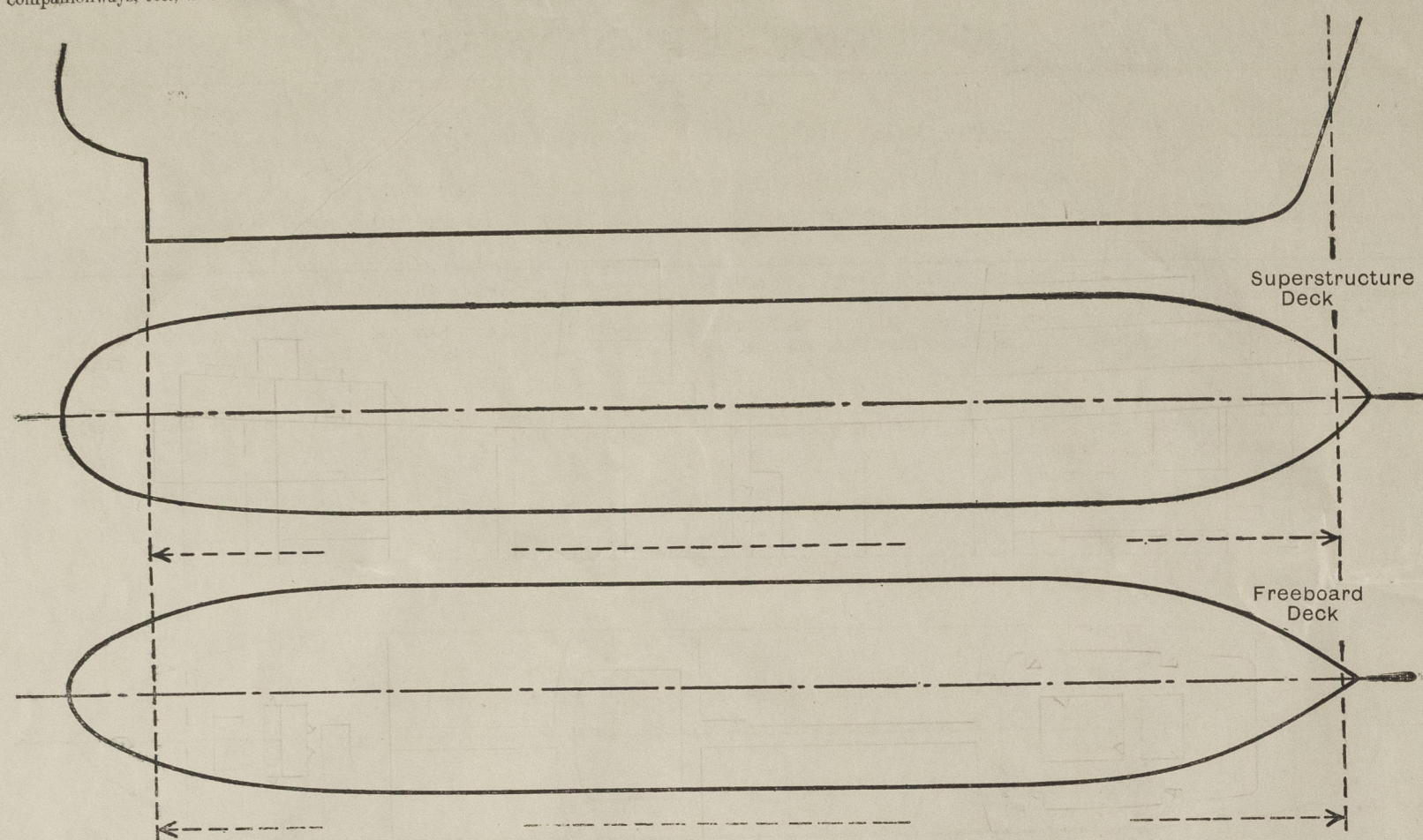
| | Coaming MM | Plating MM | Stiffeners MM | Spacing MM | End Attachments of Stiffeners | Size of Openings MM | Height of Sills MM | Height, Beam to Beam MM |
|---|---------------|---------------|---------------------------------------|---------------|--|--------------------------|--------------------------|-------------------------------|
| Poop Bulkhead ... | 10'5 | 10'5 | I 200x12 | 800 ÷ 650 | TOP & BOTTOM BRACKETED | 2-1350x650 | 610 | 2400 |
| Raised Quarter Deck Bulkhead ... | — | — | — | — | — | — | — | — |
| DECKHOUSE AMIDSHIP | 8'5 | 8'5 | I 100x80x9 | 650 | TOP & BOTTOM SNIPED | 2-1350x650 | 610 | 2400 |
| Bridge, After Bulkhead ... | 7'0 | 7'0 | I 100x80x9 | 650 | TOP & BOTTOM BKTD | — | — | — |
| DECKHOUSE AMIDSHIP SIDES | 10'0 | 10'0 | I 200x10 | 800 | TOP & BOTTOM BKTD | — | — | 2400 |
| Bridge, Forward Bulkhead ... | 7 | 7 | I 65x50x6 | 650 | TOP BRACKETED BOTTOM SNIPED | 1-1350x650 | 610 | 2350 |
| Forecastle Bulkhead ... | — | — | — | — | — | — | — | — |
| Trunk, Aft ... | — | — | — | — | — | — | — | — |
| Trunk, Forward ... | — | — | — | — | — | — | — | — |
| Exposed Machinery Casings on Free- board or Raised Quarter Decks ... | — | — | — | — | — | — | — | — |
| Exposed Machinery Casings on Super- structure Decks ... | — | — | — | — | — | — | — | — |
| Machinery Casings within Superstruc- tures fitted with Class I Closing Appliances ... | 5'5 | 5'5 | SIDES I 75x50x6'5 ENDS I 75x50x6'5 | 650 600 | TOP BKTD BOTTOM SNIPED TOP & BOTTOM SNIPED | 1-1800x650 1-1800x650 | 130 | 2400 |
| Deckhouse and Pump Room Entrances | 9'5 | 9'5 | I 75x65x | 700 MAX | TOP BRACKETED BOTTOM GUSSETED | 1-1350x650 | 610 | 2400 |

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

| | |
|---|---|
| Poop Bulkhead ... | HINGED W.T. STEEL DOORS, OPERATED BOTH SIDES. ✓ |
| Raised Quarter Deck Bulkhead ... | — |
| DECKHOUSE AMIDSHIP | — |
| Bridge, After Bulkhead ... | HINGED W.T. STEEL DOORS, OPERATED BOTH SIDES. |
| Bridge, Forward Bulkhead ... | — |
| Forecastle Bulkhead ... | HINGED W.T. STEEL DOORS, OPERATED BOTH SIDES. ✓ |
| Exposed Machinery Casings on Free- board or Raised Quarter Decks ... | — |
| Exposed Machinery Casings on Super- structure Decks ... | — |
| Machinery Casings within Superstruc- tures fitted with Class I Closing Appliances ... | HINGED WEATHERTIGHT STEEL DOORS, OPERATED BOTH SIDES. ✓ |
| Deckhouse and Pump Room Entrances | HINGED W.T. STEEL DOOR, OPERATED BOTH SIDES. ✓ |

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship :-



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-
FUNNEL, VENT COAMINGS & E.R. SKYLIGHT STRONGLY CONSTRUCTED OF STEEL, ENGINE ROOM SKYLIGHT FITTED WITH HINGED STEEL FLAPS WITH STRONG BULSEYE LIGHTS

Particulars of Flush Bunker Scuttles :- **NONE**

- (A) COMP'WAY TO REFRIG. CARGO HOLD & TWEENDECKS ENCLOSED IN STEEL PO'CLE FRONT BHD AND COMP'WAYS TO POOP STORES & SPACES, E.ROOM & STEERING GEAR COMPT. ENCLOSED IN STEEL POOP FRONT BHD: STRONG STEEL W.T. DOORS 650 x 1350 MM, SILL 610 MM, 2 HINGES, 6 TOGGLES, RUBBER PACKING.
- (B) COMP'WAY TO PUMPROOM ENCLOSED IN STRONG STEEL DECKHOUSE AMIDSHIP: STRONG STEEL W.T. DOOR 650 x 1350 MM, SILL 610 MM, 2 HINGES, 6 TOGGLES, RUBBER PACKING.
- (C) COMP'WAYS TO FORWARD PUMP ROOM & SPECIAL CARGO STORE ENCLOSED IN STRONG STEEL DECKHOUSE ON PO'CLE DECK: STRONG STEEL W.T. DOOR 650 x 1350 MM, SILL 610 MM, 2 HINGES, 6 TOGGLES, RUBBER PACKING.

Particulars of Companionways :-

- (including those incorporated in deckhouses and masts)
- (B) COMP'WAYS TO POOP SPACES, E.ROOM & STEERING GEAR COMPT. ENCLOSED IN STRONG STEEL DECKHOUSE ON POOP DECK: HINGED 45 MM. THICK WOODEN WEATHER TIGHT DOORS 670 x 1500 MM, SILL 460 MM.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :-

- PO'CLE DECK:**
- 2 - 150 x 250 MM, GOOSENECK VENTS, COAMING 915 x 5 MM THICK
- 2 - 300 MM DIA, COWL VENTS, COAMING 915 x 9 MM THICK
- 4 - 2 1/2" & 2" DIA, GOOSENECK VENTS, COAMING 750 x 5 MM THICK INSULATED & SHEETED IN PAIRS.
- 2 - 3" DIA, GOOSENECK VENTS, COAMING 750 x 5 MM THICK

PO'CLE DECKHOUSE: TOP

- 1 - 350 MM DIA, EXH. MECH. VENT. COAMING 915 x 9 MM THICK
- 1 - 400 MM DIA, " " " " 915 x 9.5 MM THICK

PUMP ROOM DECKHOUSE TOP:

- 1 - 600 MM DIA, EXH. MECH. VENT. COAMING 760 x 12 MM. THICK

POOP DECK:

- 2 - 150 x 250 MM, GOOSENECK VENTS, COAMING 760 x 5 MM THICK.
- 1 - 300 MM DIA, EXH. MECH. VENT. COAMING 760 x 8.5 MM. THICK

NOTE: COWL VENTS FITTED WITH SCREWED STEEL COVERS, GOOSENECK VENTS WITH HANGED W.T. STEEL FLAPS AND MECH. VENTS WITH 10 MM. STEEL COVERS STOWED IN ACCESSIBLE POSITION.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks :-

PO'CLE DECK (AIR PIPES 460 MM HIGH ABOVE DECK)

- 1 - 100 MM DIA TO FORE PEAK
- 1 - 4" DIA, P.SIDE, TO DIESEL OIL TANK
- 1 - 100 MM DIA, P & S. SIDE, TO D.B. BALLAST TANK
- 1 - 3" DIA, P & S. SIDE, TO D.B. REF. DRAIN TANK

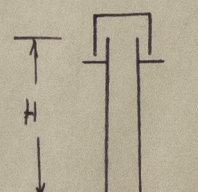
FREEBOARD DECK (AIR PIPES 910 MM HIGH ABOVE DECK)

- 3 - 4" DIA, TO F.W. CARGO TANKS
- 1 - 3" DIA, P & S. SIDE, TO FORWARD COPPERDAM
- AIR PIPES FROM CARGO TANKS 12 - 4" DIA LED THROUGH COLLECTORS TO TOP OF DERRICK POST AMIDSHIP

POOP DECK (AIR PIPES 460 MM. HIGH ABOVE DECK)

- 1 - 3" DIA, P & S. SIDE, TO D.B. H. OIL TANK
- 1 - 3" DIA, P & S. SIDE, TO H.OIL SIDE TANK
- 1 - 3" DIA, P. SIDE, TO AFT PEAK
- 1 - 3" DIA, P. SIDE, TO UPPER AFT PEAK

NOTE: AIR PIPES TO COPPERDAMS & OIL TANKS FITTED WITH WIRE GAUZE DIAPHRAGMS.- ALL AIR PIPES PROVIDED WITH STEEL HAT CLOSING APPLIANCES: SHIFTING HOLES DRILLED.



R.I. SoRONG

SCUPPERS:-

PO'CLE DECK:- DRAINED BY 1 - 3" DIA SCUPPER, P & S. SIDE, AND LED DIRECT THRO' OPEN END TO OPEN FREEBOARD DECK.

Particulars of Gangway Cargo and Coaling Ports :- **NONE**

AMIDSHIP DECKHOUSE:- DRAINED BY 2 - 3/4" DIA SCUPPERS, P & S. SIDE, AND LED DIRECT THRO' OPEN END TO OPEN FREEBOARD DECK.

POOP DECK:- WEATHER DECK DRAINED BY 3 - 2 1/2" DIA SCUPPER, P & S. SIDE, LED : 2 - OFF THRO' STEEL GALV. PIPE O' BOARD ABOVE FREEBOARD DECK AND 1- OFF THRO' OPEN END TO OPEN FREEBOARD DECK.-

FREEBOARD DECK :- WEATHER PORTION DRAINED THRO' OPEN RAILS AND 1 - 4" DIA SCUPPER P & S. SIDE LED O'BOARD THRO' SHIP'S SIDE BELOW FREEBOARD DECK. DRY CARGO SPACE IN PO'CLE DRAINED BY 1 - 1 1/2" DIA SCUPPER, P & S. SIDE, AND LED DIRECT TO FWD PUMP ROOM BILGES THRO' SELF CLOSING COCK AT SCUPPER PIPE END. STORES IN POOP FRONT DRAINED BY 1 1/2" DIA SCUPPERS, P & S. SIDE, AND LED DIRECT TO E.ROOM BILGES.

Particulars of Scuppers and Sanitary Discharge Pipes :-

PO'CLE STORE & CHAIN LOCKER AND STEERING GEAR COMPT.:- DRAINED IN TO WELLS AND PUMPED O'BOARD THRO' SIDE ABOVE FREEBOARD DECK BY 2" DIA HAND PUMPS. EQUIVALENT OF 2 N.R. VALVES FITTED.

DRY CARGO HOLD:- DRAINED BY 1 - 1 1/2" DIA SCUPPER, P & S. SIDE, AND LED DIRECT TO FORWARD PUMPH ROOM BILGES THRO' SELF CLOSING COCK AT SCUPPER PIPE END.

REFRIGERATED CARGO TWEENDECKS AND HOLDS:- HANDLING ROOMS ON FREEBOARD & LOWER DECK DRAINED BY 2 - 70 MM. DIA SCUPPERS LED TO DRAIN WELLS ON LOWER DECK AND PUMPED O'BOARD BY BILGE PUMP IN FORWARD PUMP ROOM. REFRIG. CHAMBERS ON FREEBOARD & LOWER DECK AND AIR COOLER TRAYS DRAINED BY 4 - 2 1/2" DIA & 4 - 3" DIA SCUPPERS LED THRO' GALV. STEEL PIPES TO DRAIN TANKS IN D.BOTTOM, ENDS FITTED WITH LIQUID SEALED TRAP. REFRIG. HOLD AND AIR COOLER TRAY DRAINED BY 2 - 2 1/2" DIA & 1 - 3" DIA SCUPPERS LED TO D.BOTTOM DRAIN TANK THRO' AUTOMATIC N.R. VALVE AND LIQUID SEALED TRAP.

SANITARY DISCHARGES:-

MIDSHIP DECK HOUSE:- BATH & WASH-BASIN WASTE PIPES AND DISCHARGES FROM PANTRY (SEPARATELY DRAINED), W.C. SOIL PIPES AND BATH ROOM SCUPPERS ETC., ON OR ABOVE MIDSHIP DECKHOUSE ARE LED O'BOARD BELOW FREEBOARD DECK THRO' 1 - 5" AND 1 - 4" DIA SCUPPER PIPE P & S. SIDE REINFORCED WITH DOUBLE PIPE IN WAY OF CARGO TANKS.

POOP SUPERSTRUCTURE :- BATH & WASH-BASIN WASTE PIPES, WASTE PIPES AND DISCHARGES FROM PANTRY, BATH ROOM SCUPPERS, W.C. SOIL PIPES (SEPARATELY DRAINED) ON OR ABOVE FREEBOARD DECK ARE LED O'BOARD BELOW FREEBOARD DECK THRO' GALV. STEEL S.D.N.R. FLAP VALVES ON SHIP'S SIDE OPERATED BY HANDWHEEL IN E.ROOM IN ALWAYS ACCESSIBLE POSITION: - P. SIDE: 3 - 3" DIA, S. SIDE 2 - 3" DIA, 3 - 4 DIA.

Particulars of Side Scuttles & Deadlights :- **SIDE SCUTTLES ARE MADE IN ACCORDANCE WITH BRITISH STANDARD NO. 3024; 1947.**

| | | | | | | | | | |
|-------------------|----------------------------|--|--|--|--|--|--|--|-----------------|
| PO'CLE SIDES: | 2 P & 2 S.S. | - 250 MM. DIA, HINGED BRASS SIDESCUTTLE WITH HINGED BRASS DEAD LIGHT | | | | | | | |
| " FRONT | 2 - 250 MM. DIA | " " " " " " " " " " " " | | | | | | | |
| " MASTHOUSE | 2 - 250 MM. DIA | FIXED " " " " " " " " " " " " | | | | | | | |
| MIDSHIP DECKHOUSE | 10 - 250 MM. DIA, HINGED | " " " " " " " " " " " " | | | | | | | BRASS DETAILING |
| PUMP ROOM | 1 - 250 MM. DIA, FIXED | " " " " " " " " " " " " | | | | | | | |
| POOP FRONT | 5 - 250 MM. DIA, HINGED | " " " " " " " " " " " " | | | | | | | |
| POOP SIDES | P.S. 15 - 300 MM. DIA, " " | " " " " " " " " " " " " | | | | | | | |
| | S.S. 12 - 300 MM. DIA, " " | " " " " " " " " " " " " | | | | | | | |

NO SIDE SCUTTLE BELOW FREEBOARD DECK

Vertical distance of Sill of lowest Side Scuttle above top of keel

Distance from amidships to centre of lowest Side Scuttle

NO SIDE SCUTTLE BELOW FREEBOARD DECK

Particulars of Guard Rails & Bulwarks :-

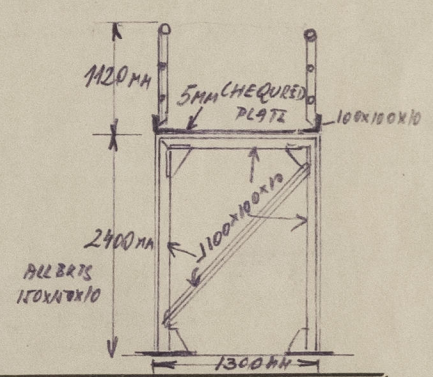
PO'CLE DECK:- BULWARK 9 MM THICK & 1200 MM. HIGH WITH RAIL BAR P 160 x 10 MM EXTENDING FROM STEM TO FR.NO. 150 AND TAPERED. AHAFT FR.NO. 150 OPEN RAILS AND AT END: 3 RAILS, 1100 MM. HIGH, STANCHIONS 1400 MM SPACED APART MAX.

FREEBOARD DECK:- OPEN RAILS FULL LENGTH: 3 RAILS, 1120 MM. HIGH, STANCHIONS SPACED 1300 MM. APART.

POOP DECK:- BULWARK 8 MM THICK & 1100 MM HIGH WITH RAIL BAR P 160 x 10 MM. STAYS 280 x 10 MM. FLANGED 70 MM SPACED 1300 MM. APART. APT END OPEN RAILS : 2 RAILS, STANCHIONS 1200 MM APART.

Particulars of Gangways, Lifelines, etc. :-

FORWARD & AFT GANGWAY AS PER SKETCH:



Particulars of Freeing Arrangements.

| | Length of Bulwark | Height of Bulwark | Size of Freeing Ports | Number each side | Area each side | Rule area each side |
|---------------------|-------------------|-------------------|-----------------------|------------------|----------------|---------------------|
| After Well | OPEN | | | | | |
| Forward Well | RAILS. | | | | | |

State position of each freeing port { After Well :-
 (F. and A. position and height above deck edge) { Forward Well :-

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | | |
|--|-----------------------|-----------------|-----------------------------|------------------------|----------------------|---|---------------|---------------------|------------------------|-----------------------|
| | | | FOCLE DECK | | | FREEBOARD DECK | | | | |
| Description of Hatchway | ... | ... | ACCESS HATCH | DRY CARGO | REFRIG. CARGO | DRY CARGO | REFRIG. CARGO | ACCESS TO COOLERS | 15-OFF CARGO & C.F.D. | 12-OFF BUTTERWORTH |
| Dimensions of Hatchway | ... | MM... | 600x600 | 2600x3600 | 1950x2000 | 2600x3600 | 1950x2000 | 600x600 | 1200x1200 OVAL 760 | 320 DIA |
| COAMINGS | Height above Deck | MM... | 610 | 610 | 610 | 230 | 230 | 55 | 460 | 140 |
| | Thickness | { Sides Ends | 7.5 | 11 | 11 | 10 | 10 | 6 | 13 | 11 |
| | Stiffeners | { Sides Ends | — | — | — | — | — | — | — | — |
| | Brackets, Stays | { Sides Ends | — | — | — | — | — | — | — | — |
| HATCH BEAMS | Number | ... | — | — | — | — | — | — | — | — |
| | Spacing | ... | — | — | — | — | — | — | — | — |
| | Scantling and Sketch | ... | — | — | — | — | — | — | — | — |
| | Bearing Surface | ... | — | — | — | — | — | — | — | — |
| FORE AND AFTERS | Number | ... | — | — | — | — | — | — | — | — |
| | Spacing | ... | — | — | — | — | — | — | — | — |
| | Unsupported Lengths | MM... | — | — | — | — | — | — | — | — |
| | Scantling* and Sketch | ... | — | — | — | — | — | — | — | — |
| HATCH COVERS | Material | ... | W.T. | W.T. | W.T. | WOOD | WOOD | STEEL | STEEL | STEEL |
| | Thickness | MM... | 6.5 | 8.0 | 8.0 | 75 | 83 | 6.5 | 12.5 | 20 |
| | How fitted | ... | 2 HINGES | 2 HINGES | 2 HINGES | ATWARTSHIP | ATWARTSHIP | 2 HINGES | 2 HINGES | 2 HINGES |
| | Bearing Surface | MM... | 6 TOGGLES RUBBER P. DACKING | 16 TOGGLES GREASY PACK | 12 TOGGLES GREASY P. | 75 | 75 | 2 TOGGLES RUBBER P. | 10 TOGGLES GREASY PACK | 2 TOGGLES GREASY PACK |
| Spacing of Cleats OR TOGGLES | ... | MM... | — | 718 MAX | 674 MAX | — | — | — | 361 | — |
| Number of Tarpaulins... | ... | ... | — | — | — | — | — | — | — | — |
| *Are wood fore and afters steel shod at all bearing surfaces? — Are battens and wedges efficient and in good condition? YES. Are tarpaulins in good condition and in accordance with rule requirements? YES Are lashings provided in accordance with rule requirements? YES Are wood covers fitted with galvanised end bands? YES. | | | | | | INSULATED WOOD PLUG HATCH COVERS UNDERNEATH | | | | |

Particulars of any special features :— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)



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Foundation