

26 OCT 1951

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Lloyd's Register of Shipping.

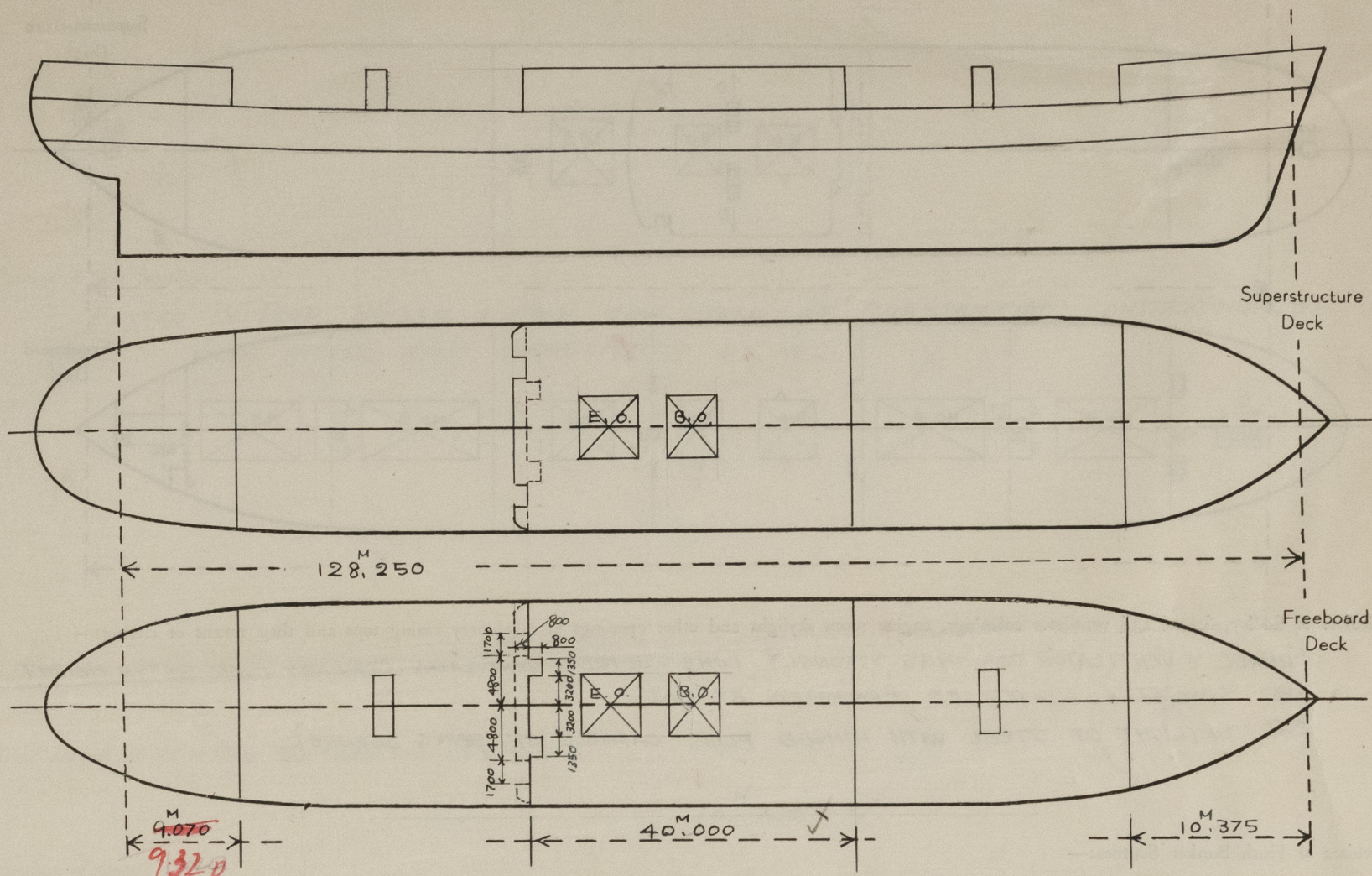
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

 Index No.
 (For London Office only.)

Ship's Name KOMEI MARU (NAGOYA 101) Port of Survey NAGOYA JAPAN
 Official Number _____ Surveyor's Signature Refined
 Nationality and Port of Registry JAPAN TOKYO Date of Survey SEPT 1951

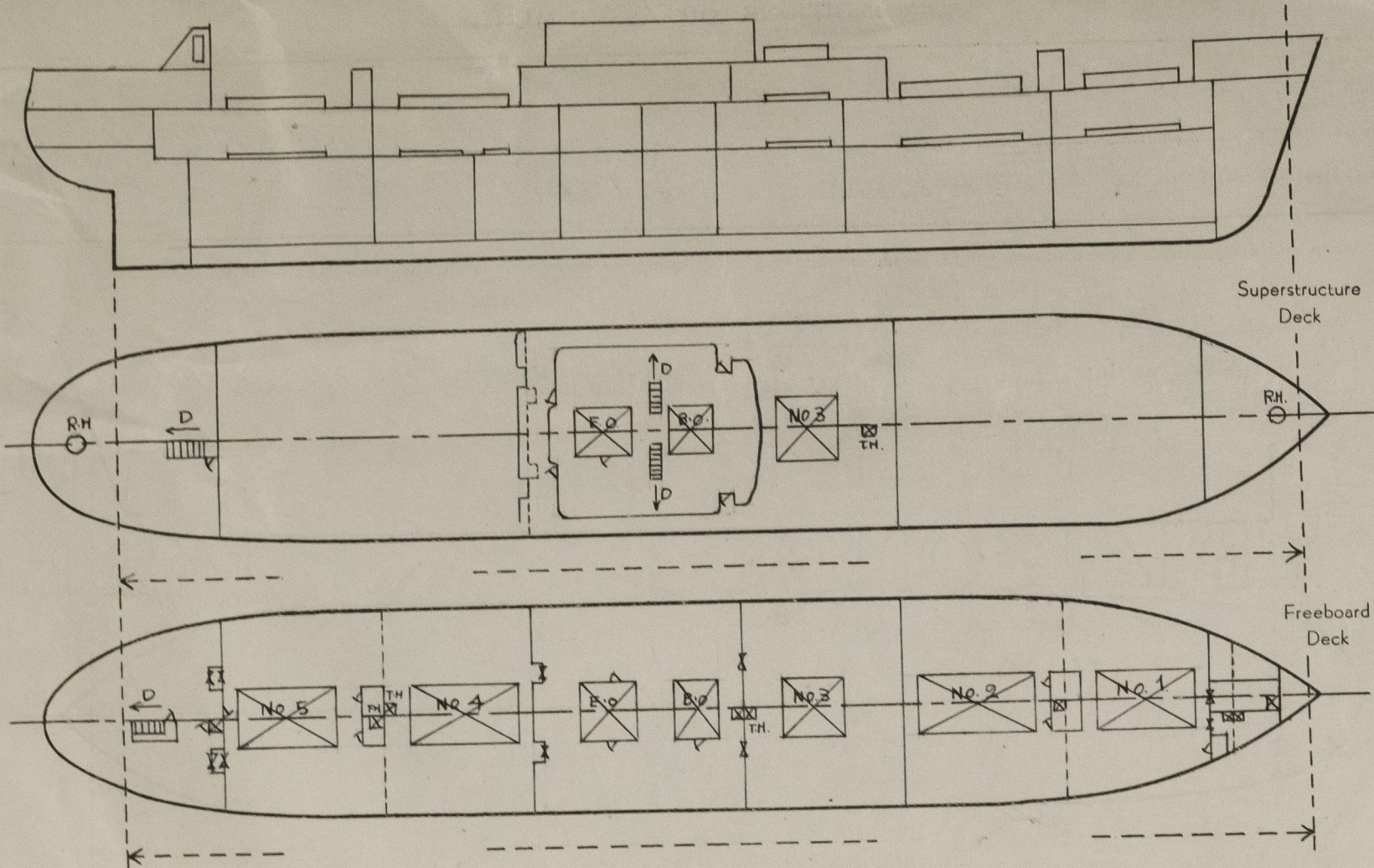
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



| Particulars of Superstructures, Trunks, Casings, Deckhouses. | | | | | | | | |
|---|---|--------------------------------|---|---------------------------------|-------------------------------|--|--|-------------------|
| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
| Poop Bulkhead ... | 10 ^M / _M | 10 ^M / _M | 100 x 75 x 10 T | 800 ^M / _M | TOP & BOTTOM WELDED | 930 x 1400 ^M / _M 700 x 1500 | 460 ^M / _M 380 | 2.300 |
| Raised Quarter Deck Bulkhead ... | ✓ | | | | | | | |
| Bridge, After Bulkhead ... | 8 ✓ | 8 ✓ | 75 x 75 x 9 T | 800 ✓ | TOP NONE BOTTOM WELDED | 920 x 1400 | 460 ✓ | 2.350 |
| Bridge, Forward Bulkhead ... | 11.5 ✓ | 11.5 ✓ | 250 x 90 x 9 ³ / ₁₆ C.H. | 800 ✓ | TOP LUG BOTTOM WELDED | ✓ | ✓ | 2.350 |
| Forecastle Bulkhead ... | 7.5 ✓ | 7.5 ✓ | 75 x 75 x 9 T | 740 ✓ | TOP & BOTTOM WELDED | 920 x 1400 600 x 1500 | 460 380 ✓ | 2.300 |
| Trunk, Aft ... | ✓ | | | | | | | |
| Trunk, Forward ... | ✓ | | | | | | | |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | ✓ | | | | | | | |
| Exposed Machinery Casings on Superstructure Decks ... | ✓ | | | | | | | |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances (IN BRIDGE) ... | 9 | 6 | 75 x 9 F.B. | 800 | TOP LUG BOTTOM CONTINUOUS | 600 x 1600 | 260 ✓ | 2.350 |
| Deckhouses on Flush Deck Ships (MAST HOUSE) ... | FRONT 10 SIDES 15.5 AFT 8 | 10 15.5 8 | 150 x 90 x 10 ¹ / ₁₆ S.T. 125 x 75 x 10 T 100 x 75 x 10 T | 800 800 800 | TOP & BOTTOM WELDED | 600 x 1200 | 610 ✓ | 2.200 |
| Particulars of Closing Appliances (state if capable of being manipulated from both sides). | | | | | | | | |
| Poop Bulkhead ... | STORM BOARDS IN WELDED CHANNELS. HINGED W/T STEEL DOOR CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓ | | | | | | | |
| Raised Quarter Deck Bulkhead ... | ✓ | | | | | | | |
| Bridge, After Bulkhead ... | STORM BOARDS IN WELDED CHANNELS. ✓ | | | | | | | |
| Bridge, Forward Bulkhead ... | ✓ | | | | | | | |
| Forecastle Bulkhead ... | STORM BOARDS IN WELDED CHANNELS. HINGED W/T STEEL DOOR CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓ | | | | | | | |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | ✓ | | | | | | | |
| Exposed Machinery Casings on Superstructure Decks ... | ✓ | | | | | | | |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | HINGED STEEL DOORS CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓ | | | | | | | |
| Deckhouses on Flush Deck Ships ... | HINGED W/T STEEL DOORS CAPABLE OF BEING MANIPULATED FROM 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, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

FUNNEL & VENTILATOR COAMINGS STRONGLY CONSTRUCTED. VENTILATOR COAMINGS OVER 36" IN HEIGHT
ARE SPECIALLY STAYED OR BRACKETED AT BASE. X
E.R. SKYLIGHT OF STEEL WITH HINGED FLAPS CAPABLE OF BEING SECURED. X

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:—

| Particulars of Companionways:- | | PLATING | STIFFENER | SPACING | OPENING | DOOR SILL | DOOR | CLOSING |
|--------------------------------|--------|---------------------------------|--------------|-----------------------------------|--|-----------------------------------|----------|---|
| DECK HOUSE ON | FRONT: | 8 ¹ / ₄ " | 100x75x10L | 800 ¹ / ₄ " | ✓ | ✓ | | |
| | SIDES | 7.5 | " | " | 790x1450 ¹ / ₄ " | 460 ¹ / ₄ " | W/T DOOR | HINGED W/T STEEL DOOR MANIPULATED FROM BOTH SIDES |
| BRIDGE DECK | AFT | 7 | 90x9 F.B. | 830 | 780x1450 | 460 | " | " |
| COMPANIONWAY ON POOP DECK | | 8 ✓ | 60x60x6 F.P. | 700 | 630x1430 | 460 | " | " |

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

| DECK | NO. | DIA. | TYPE | COAMING | TO LIP |
|-------------|-----|-------------------|------|---------------------|-------------------|
| POOP DECK | 1 | 250 ^{4H} | C.V. | 760x9 ^{4H} | ✓ |
| | 2 | 500 | C.V. | 760x10 | ✓ |
| | 3 | 100 | G.N. | | 460 ^{4H} |
| | 2 | 150x79 | G.N. | | 460 |
| BRIDGE DECK | 2 | 300 | C.V. | 760x9 | ✓ |
| | 3 | 450 | C.V. | 760x10 | ✓ |
| | 2 | 600 | C.V. | 915x10 | ✓ |
| | 2 | 300 | M.V. | 760x9 | ✓ |
| | 1 | 200 | M.V. | 760x9 | ✓ |
| | 1 | 100 | G.N. | | 460 |
| | 2 | 150x75 | G.N. | | 460 |
| FILE DECK | | 800 | | DERRICK POST | ✓ |
| | 2 | 500 | H.V. | 1150x10 | ✓ |
| | 7 | 100 | G.N. | | 460 |

| DECK | No. | DIA. | TYPE | COAMING | TO LIP |
|----------------|-----|-------------------|------|----------------------|--------|
| FOREMAST House | 1 | 600 ^{4H} | C.V. | 915x10 ^{4H} | ✓ |
| | 2 | 700 | | DERRICK POST | ✓ |
| AFT WELL | 2 | 300 | C.V. | 915x9 | ✓ |
| | 2 | 450 | C.V. | 915x10 | ✓ |
| AFT MAST House | 1 | 500 | C.V. | 915x10 | ✓ |
| | 2 | 650 | C.V. | 760x10 | ✓ |
| | | | | DERRICK POST | ✓ |

ALL VENTILATORS ABOVE 915^{4H} IN HEIGHT ARE SUBSTANTIALLY STAYED OR BKTED. ✓
 CLOSING APPLIANCES. ✓
 GOOSENECK VENTS :- HINGED W/ STEEL COVER SECURED BY 4 BUTTERFLYNUTS ✓
 MUSH ROOM VENTS :- W/ STEEL SCREW DOWN COVER. ✓
 COWLHEAD VENTS :- WOOD PLUG & CANVAS COVER. ✓

ALL VENTILATORS ABOVE 915 $\frac{1}{4}$ " IN HEIGHT ARE SUBSTANTIALLY
STAYED OR BKTED. ☒
CLOSING APPLIANCES. ☒
GOOSENECK VENTS :- HINGED W/ STEEL COVER SECURED BY EYEBOLTS
+ BUTTERFLY NUTS ☒
MUSH ROOM VENTS :- W/ STEEL SCREW DOWN COVER. ☒
COWLHEAD VENTS :- WOOD PLUG & CANVAS COVER. ☒

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

| DECK | NO. | DIA. | TO OPENING | TANK |
|-------------|-----|--------|------------|---------------|
| POOP DECK | 4 | 3" | 160 Mm | A.P. & F.W.TK |
| BRIDGE DECK | 4 | 2 1/2" | " | DEEP TANK |
| | 2 | 3 1/2" | " | D.B.TK. |
| | 2 | 2" | " | " |
| | 4 | 3" | " | " |
| FPLE DECK | 1 | 4" | " | " |
| | 2 | 3 1/2" | " | F.P. TK. |
| FORE WELL | 3 | 3 1/2" | 915 | D.B. TK. |
| | 2 | 4" | " | " |

ALL AIR PIPES ARE FITTED WITH STEEL FLAPS ABLE TO OPEN AUTOMATICALLY UNDER INTERNAL PRESSURE. ✓

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes:—

ALL SANITARY DISCHARGES & SCUPPER FROM T_{BLE} & BRIDGE SPACE ARE LED THRO' SHELL ABOVE
2ND DECK & FITTED WITH AUTOMATIC N.R. VALVES OF BRASS. X
HEIGHT OF BRIDGE ^{SCUPPER} SHELL OPENING ABOVE L.W.L. = 50 M/H X
DRAINS FROM POOP SPACE LED THRO' BHD TO WELL DECK & FITTED WITH W/T SCREW
PLUGS OF BRASS PERMANENTLY ATTACHED. X

Particulars of Side Scuttles:—

FITTED IN POOD, BRIDGE & FLE SIDE SHELL OF SUBSTANTIAL CONSTRUCTION OF BRASS. EACH FITTED WITH DEADLIGHTS OF M.C.I. X

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

10.^M 720

Particulars of Guard Rails:—

ON F'CLE + POOP DECKS 1"000 HIGH STANCHIONS OF 1/4" DIA. SPACED APPROX. 1500" ^{1/4} APART.
TOP RAILS 1/4" DIA. G.W.I. PIPE + FITTED WITH TWO ROWS OF 7/8" DIA.
R BAR RAILS. X

Particulars of Gangways, Lifelines, etc.:—

LIFELINES — MANILLA

| 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 | ^M 32.800 ✓ | ^M 1.100 ✓ | 1530 × 230 ^M / ₄ | 6 | ^M ² 2,043 ✓ | ^M ² 1.994 1.995 |
| Forward Well | ^M 35.755 ✓ | ^M 1.100 ✓ | 1530 × 230 1300 × 230 | 5 2 | ^M ² 2,2915 ✓ | ^M ² 2,230 2,174 |
| State position of each freeing port { After Well :— 4 F.S. APART 280 ^M / ₄ ABOVE DECK | | | | | | |
| (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 :— NONE | | | | | | |
| Additional area where sheer is less than standard. NONE. | | | | | | |

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | | |
|--|--|---|---|---|---|--------------------|---|--------------------|---|--------------------------------|
| Description of Hatchway | FREEBOARD DECK | | | | | | | | | |
| | F/CLE DECK ROPE HATCH | BRIDGE DECK No 3 | POOP DECK ROPE HATCH | No. 1 | No. 2 | No. 3 | No. 4 | No. 5 | EXPOSED TRIMMING H. AFT WELL | BRIDGE DECK EXPOSED T.H. |
| Dimensions of Hatchway | 450 ^{1/4} DIA. | 6400 x 6400 | 450 ^{1/4} DIA. | 10.275 x 6400 | 15.200 x 6400 | 7.200 x 6400 | 11.200 x 6400 | 11.200 x 6400 | 590 x 590 | 590 x 590 |
| COAMINGS | Height above Deck | 610 ^{1/4} | 600 ^{1/4} | 900 ^{1/4} | 900 ^{1/4} | 230 ^{1/4} | 900 ^{1/4} | 900 ^{1/4} | 610 ^{1/4} | 460 ^{1/4} |
| | Thickness | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 9 | 9 |
| | Stiffeners | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 9 | 9 |
| | Brackets, Stays | ✓ | 250 x 90 x 1/2 B.A. BKT 10 ^{1/4} IN SPACED 2400 APART. | ✓ | 300 x 90 x 1/2 B.A. BKT 10 ^{1/4} IN SPACED 2400 APART. | ✓ | 300 x 90 x 1/2 B.A. BKT 10 ^{1/4} IN SPACED 2400 APART. | ✓ | ✓ | ✓ |
| HATCH BEAMS | Number | 4 | 4 | 7 | 1400 | 1400 | 5 | 7 | | |
| | Spacing | 1400 ^{1/4} | 1400 ^{1/4} | 1400 ^{1/4} | 1400 | 1400 | 1400 | 1400 | | |
| | Scantling and Sketch | 200 x 16 F.B. 10 ^{1/4} IN 392 ^{1/4} IN 200 x 16 F.B. | 200 x 16 F.B. 10 ^{1/4} IN 392 ^{1/4} IN 200 x 16 F.B. | 200 x 20 F.B. 12 ^{1/4} IN 500 ^{1/4} IN 200 x 20 F.B. | Do | Do | Do | Do | | |
| | Bearing Surface | 80 | 80 | 80 | 80 | 80 | 80 | 80 | | |
| FORE AND AFTERS | Number | | | | | | | | | |
| | Spacing | | | | | | | | | |
| | Unsupported Lengths Scantling* and Sketch | | | | | | | | | |
| | Bearing Surface | | | | | | | | | |
| HATCH COVERS | Material | STEEL | HINOKI | STEEL | HINOKI | | | | STEEL | |
| | Thickness | 4.5 ^{1/4} | 60 ^{1/4} | 4.5 ^{1/4} | 60 | Do | Do | Do | 6 ^{1/4} | Do |
| | How fitted | HINGED W/T COVER WITH RUBBER PACKING | F+A | HINGED W/T COVER WITH RUBBER PACKING | F+A | Do | Do | Do | HINGED W/T COVER WITH RUBBER PACKING | Do |
| Spacing of Cleats | | BOLTS 5/8 DIA. SPACED 330 ^{1/4} IN APART | 610 | 610 | 610 | 610 | 610 | 610 | BOLTS 5/8 DIA. SPACED 400 ^{1/4} IN APART | Do |
| Number of Tarpaulins | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | ✓ | |
| <p>*Are wood fore and afters steel shod at all bearing surfaces? YES.</p> <p>Are battens and wedges efficient and in good condition? YES.</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES.</p> <p>Are lashings provided in accordance with rule requirements? YES.</p> | | | | | | | | | | |

Particulars of any special features:—

TRIMMING HATCHES IN SUPERSTRUCTURES.

550 x 550^{1/4} COAMING 230 x 9^{1/4} 6^{1/4} STEEL W/T HINGED COVERS. ✓
5/8" BOLTS SPACED APPROX. 400^{1/4} APART. X

TUNNEL ESCAPE IN POOP SPACE.

PROTECTED BY 6^{1/4} STEEL BHD 580 x 1630^{1/4} OPENING SILL 260^{1/4}. ✓
FITTED WITH HINGED STEEL DOOR CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓

VENT TO TUNNEL ESCAPE

2000 x 8^{1/4} COAMING CONNECTED TO COMPANIONWAY ON POOP DECK. ✓

CHAIN LOCKER ACCESS.

550 x 550^{1/4} 230 x 9^{1/4} COAMING 6^{1/4} HINGED STEEL W/T COVER. X
5/8" BOLTS SPACED APPROX. 400^{1/4} APART. X

STAIRWAY LED TO SPACES BELOW UPPER DECK IN POOP SPACE

PROTECTED BY 7.5^{1/4} STEEL BULKHEAD 75 x 9 FB. STIFFENER SPACED 610^{1/4} APART. ✓
630 x 1630^{1/4} OPENING SILL 260^{1/4} FITTED WITH HINGED STEEL DOOR
MANIPULATED FROM BOTH SIDES. ✓



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