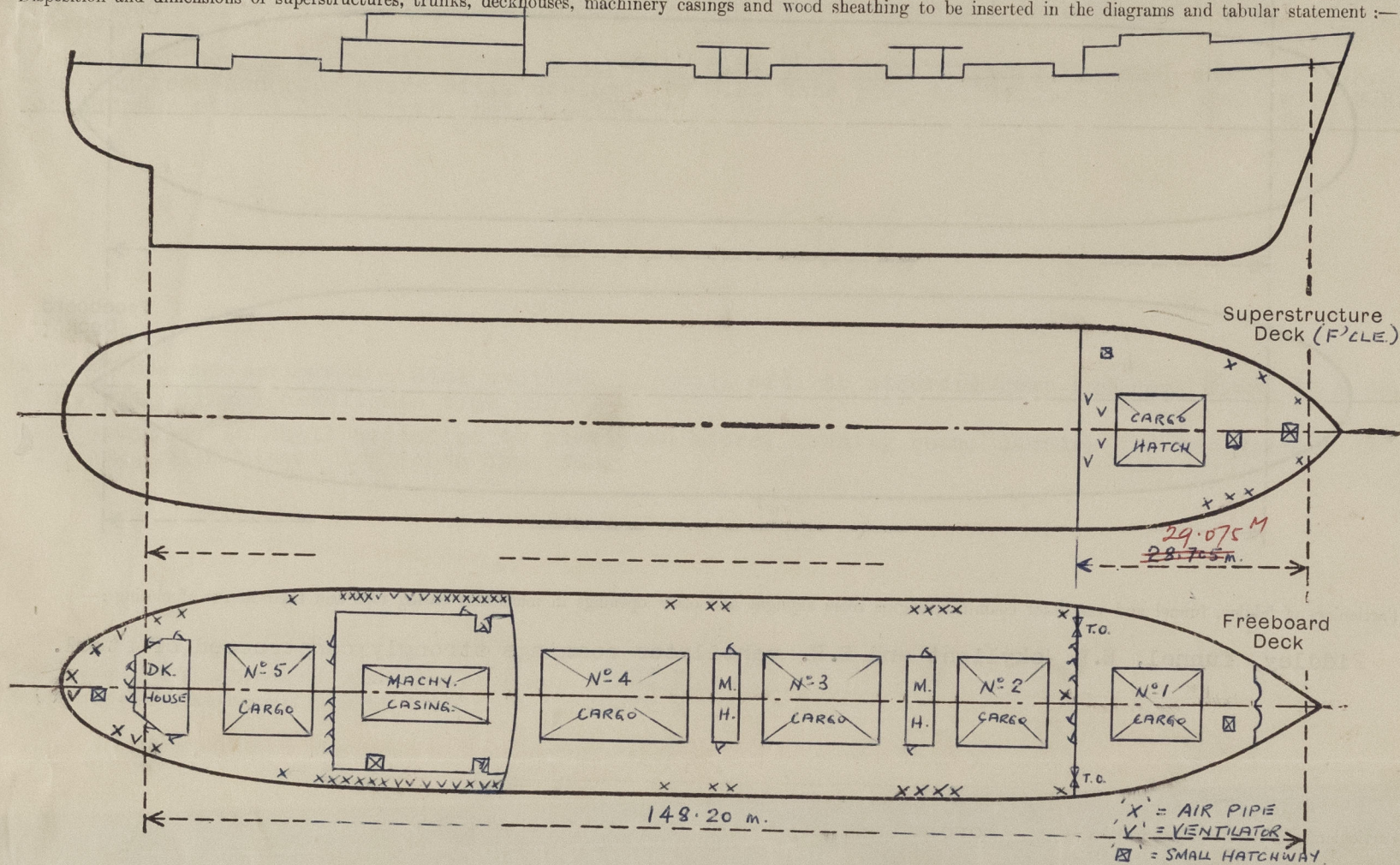


Index No.
(For London Office only.)

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

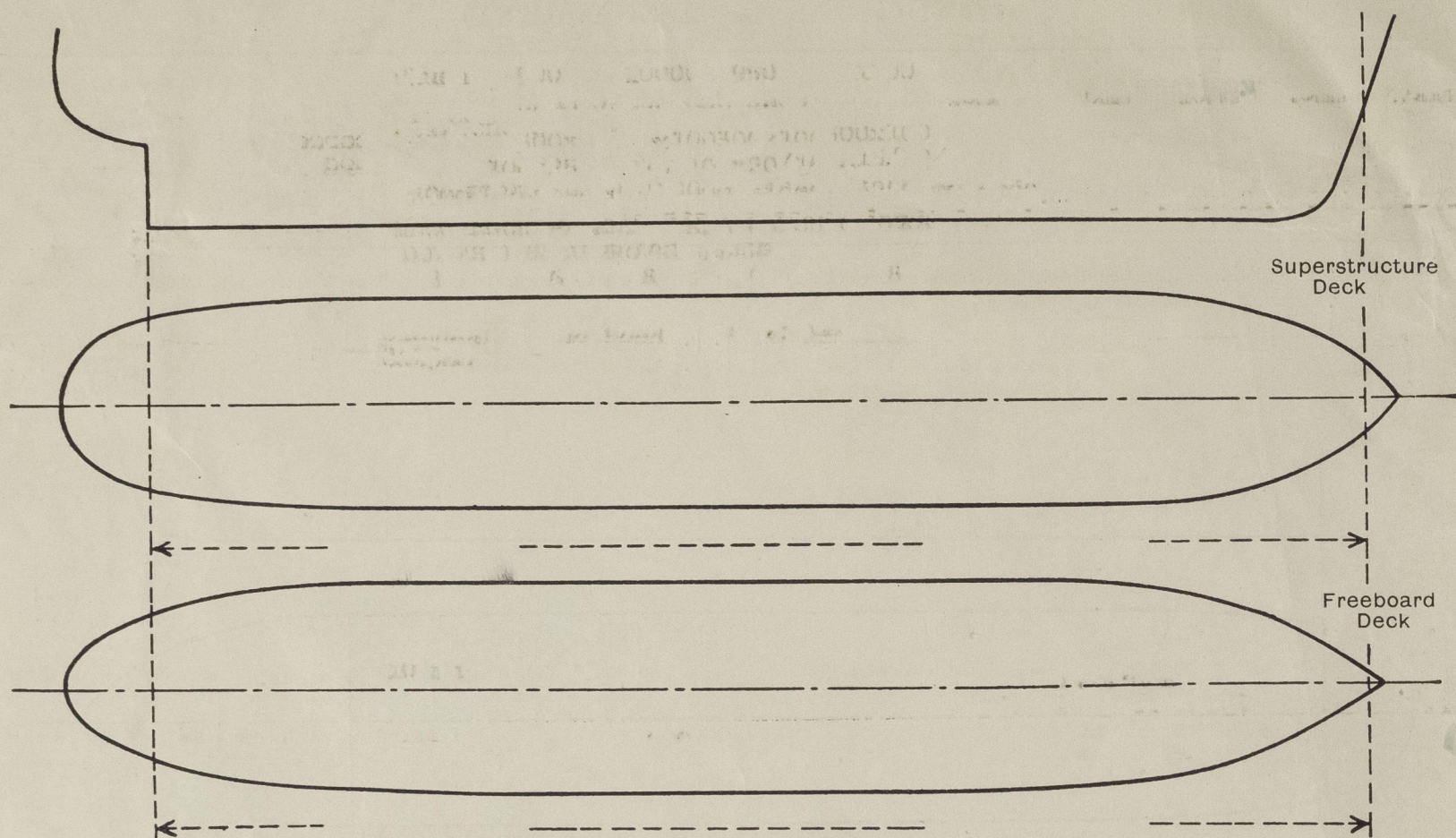


| Particulars of Superstructures, Trunks, Casings, Deckhouses. | | | | | | | | |
|--|--------------------------------|-------------------------|--|-------------------------------|----------------------------------|--|----------------------------------|-------------------------------|
| | Coaming mm | 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 | None | | | | | | | |
| Raised Quarter Deck Bulkhead ... | None | | | | | | | |
| Bridge, After Bulkhead | None | | | | | | | |
| Bridge, Forward Bulkhead... .. | None | | | | | | | |
| Forecastle Bulkhead... .. | | 7.5 ✓ | 100 x 6 HP ✓ | 760max | Sniped T&B | 2at 1265x650 2at 1390x950 2at 1290x650 | 310 ✓ 610 ✓ 685 ✓ | |
| <i>Deckhouse</i> <i>Trunk/Aft</i> | AFT. END SIDES FORD. END | 8.0 ✓ 9.0 ✓ 9.0 ✓ | 120 x 8 HP ✓ 150 x 8 DDS ✓ 180 x 8 DDS ✓ | 800 " ✓ 800 " ✓ 800 " ✓ | " ✓ " ✓ " ✓ | T&B lat 1665x750 T&B lat 1290x750 T&B lat 1665x650 top 5at 1665x750 | 310 ✓ 685 ✓ 310 ✓ 310 ✓ | 2450 2800 |
| Trunk, Forward | None | | | | | | | |
| Exposed Machinery Casings on Free- board or Raised Quarter Decks... | None | | | | | | | |
| Exposed Machinery Casings on Super- structure Decks | None | | | | | | | |
| Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances | None AFT. END | 8.5 | 150 x 8 DDS | 800max | Sniped T&B | 4at 1290x650 5at 1290x750 | 685 ✓ 685 ✓ | |
| <i>Midships</i> <i>Deckhouses and Pump Room Entrances</i> | SIDES FORD. END | 9.5 10.0 | 150 x 10 DDS 200 x 9 DDS | 850 " ✓ 800 " ✓ | " ✓ E.W. ✓ | T&B lat 1310x970 T&B lat 1820x1310 | 685 ✓ 685 ✓ | 2450 |

| DECKHOUSE AFT. | |
|--|---|
| Roof Bulkhead | 1 hinged steel W.T. door & 6 hinged steel weathertight doors all O.B.S. |
| Raised Quarter Deck Bulkhead ... | - |
| Bridge, After Bulkhead | - |
| Bridge, Forward Bulkhead | - |
| Forecastle Bulkhead | 2 with hook bolted steel plates 2 with hinged steel W.T.doors (O.B.S.) |
| Exposed Machinery Casings on Free-board or Raised Quarter Decks ... | 3 with hinged steel doors (O.B.S.) |
| Exposed Machinery Casings on Superstructure Decks | |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances | |
| Deckhouses and Pump Room Enclosures | 10 hinged steel W.T.doors, 1 hinged steel weathertight door, all O.B.S. |

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

Fiddley, funnel, E.R. skylight and E.R. ventilator coamings strongly constructed of steel.

Particulars of Flush Bunker Scuttles :— None

Particulars of Companionways :— Access to steering gear, tunnel escape and access hatch to No.5 Hold, enclosed (including those incorporated in deckhouses and masts) in strong steel dk.house aft (see page 1)
Access to machinery space and No.4 Hold enclosed in Midship deck house (see page 1)
Access to Nos. 2,3 & 4 Holds enclosed in strong steel mast houses, with H.S.W.T. doors, sill heights 685 mm, capable of being operated from both sides.
Access to Nos. 1 and 2 Holds in Forecastle (see page 1)

No access door to any Companionway has a sill height of less than 610 mm.

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

On Forecastle Deck:— 1-254 mm dia. cowl vent to Focle store coaming 915 mm high x 8mm thk.
Vents to Nos. 1 & 2 Holds, 1 at 700 x 700 mm } Coamings 915mm high x 10 mm thk
2 at 800 x 800 mm } with fans and W.T. dampers.
1 at 1365 x 1050 }

Upper Deck: All hold vents sited on mast, house tops or above deck house tops.
coamings 610 x 10 mm
13 - 4" dia. G.N. vents to stores fitted with hinged W.T. flaps, all 36" high.
All hold vents fitted with cowls incorporating fans and W.T. dampers.
Cowl vents supplied with plugs and canvas covers.

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

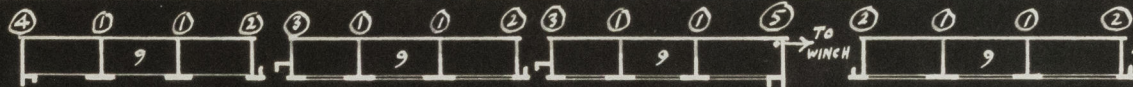
On Forecastle deck:— 5 at 4" diam., and 2 at 3" dia., all 915 mm high

On Upper Deck:—
5 at 2" dia., }
3 at 2½" dia., } All 915 mm high
6 at 3" dia., }
3 at 3½" dia., }
28 28 at 4" diam., }

Note:— All O.F. tank air pipes fitted with flash proof gauges. All air pipes fitted with "VIWEL" or B&W type N.R. heads (Ball type)



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SYMMETRICAL COVER
HATCHES 3 & 4 ONLY.

EXPOSED MACGREGOR COVERS.

TOP PLATING EXCEPT AS (A)

" (A) (COVER NEAREST WINCH.)

TRANSVERSES (1)

WEB

340/170 x 9

FACE PLAT

180 x 14

" (2 & 3)

WEB

340/170 x 9

FACE PLAT

90 x 14

" (4)

WEB

390/210 x 10

" (5)

WEB

410/240 x 10

FORE & AFT:-

INTERCOSTAL WEB.

340 x 9

"

FACE PLAT

90 x 14

SIDE FORE & AFT PLATE.

240 x 10

JOINTING ANGLES.

75 x 50 x 8

ALL COVERS EXCEPT THAT FARTHEST FROM WINCH.

240 x 10

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

75 x 50 x 8

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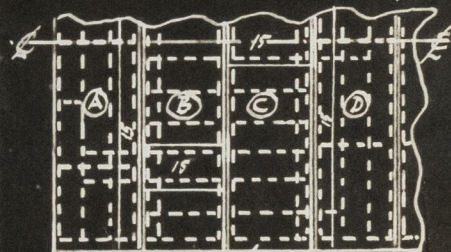
75 x 50 x 8

75 x 50 x 8

UPPER DECK

| 1 | 2 | 3 | 4 | 5 |
|--------------|--------------|--------------|-------------|----------|
| 7 | 7 | 7.5 | | |
| 340/170 x 9 | 370/200 x 9 | 370/200 x 9 | 180 x 23 | 180 x 24 |
| 180 x 14 | 180 x 23 | 180 x 24 | 180 x 23 | 180 x 24 |
| 340/170 x 9 | 370/200 x 9 | 370/200 x 9 | 90 x 23 | 90 x 24 |
| 90 x 14 | 90 x 23 | 90 x 24 | 90 x 23 | 90 x 24 |
| 390/210 x 10 | 420/250 x 10 | 420/250 x 10 | 90 x 23 | 90 x 24 |
| 410/240 x 10 | 440/270 x 10 | 440/270 x 10 | 90 x 23 | 90 x 24 |
| 340 x 9 | 370 x 9 | 370 x 9 | 90 x 23 | 90 x 24 |
| 90 x 14 | 90 x 23 | 90 x 24 | 90 x 23 | 90 x 24 |
| 240 x 10 | 270 x 10 | 270 x 10 | 270 x 10 | |
| 75 x 50 x 8 | 75 x 50 x 8 | 75 x 50 x 8 | 75 x 50 x 8 | |

COVERS - TOP PLATING 8 (IS WHERE MARKED)

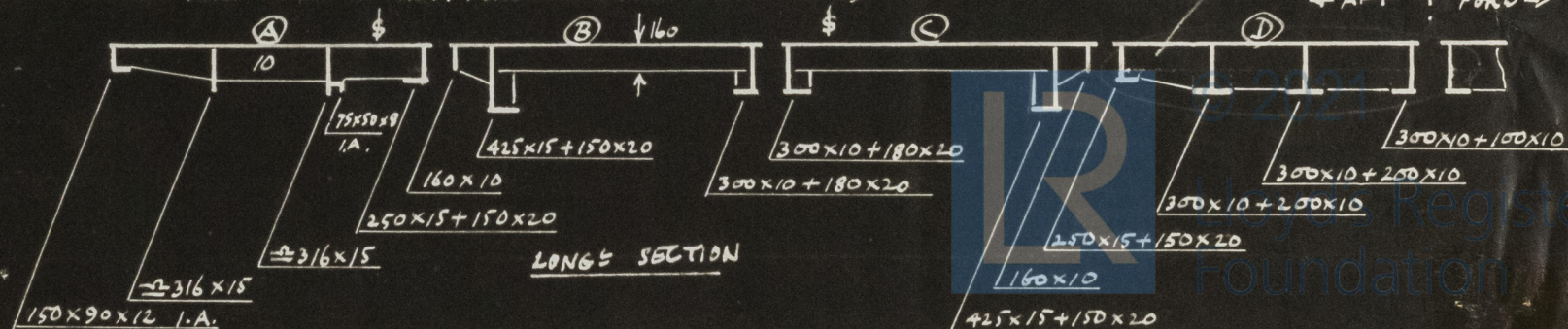


IS SIDE PLATE.

1/4 PLAN.

FLUSH MACGREGOR COVERS IN P.O.C'S LE.

(DRAWN FOR AFT HALF OF HATCH ONLY. FORD COVERS ARE MIRROR IMAGE)



LONGITUDINAL SECTION

Cameronaut

Particulars of Gangway Cargo and Coaling Ports :— None

Particulars of Scuppers and Sanitary Discharge Pipes :— All tween decks drained to Hold bilges thro' 2½" scuppers (P&S) Focle space drained thro' 2½" scupper (P&S) drained to Hold bilges and thro' 1½" dia., drain holes in Forecastle bulkhead with screwed plugs and chains. Recess for No.1 cargo hatch covers on upper deck inside Focle drained by 2 - 2" dia., scuppers (1P & 1S) led overboard below upper deck with S.D.N.R.V.'s at shell operated from Focle deck with O.S. in dicators.

Galley and sink drained overboard thro' shell by 3½" dia. scupper with N.R.V. at shell. Deckhouses and mast houses drained to upper deck by 1½" dia., holes with screwed plugs and chains. All W.C.'s and toilets etc., drained to sewage tanks and then pumped overboard through shell (P&S) with S.D.N.R.V.'s at shell.

F'cle lower stores and chain locker drained by S.R. hand pump discharging thro' shell with N.R.V.'s steering gear and rope store aft., drained by S.R. hand pump discharging thro' shell with N.R.V.'s Focle upper stores drain into chain locker.

Particulars of Side Scuttles and Deadlights :— Side scuttles in shell aft. to steering gear and rope store 3P & 3S, 12" dia., with hinged deadlights type BS4

Side scuttles in shell amidships to provision store, ironing room, laundry and drying room 3P & 2S, 12" dia., with hinged deadlights type BS4.

Vertical distance of Sill of lowest Side Scuttle above top of keel 9.23 M
Distance from amidships to centre of lowest Side Scuttle 10.71 M

Particulars of Guard Rails and Bulwarks :— Bulwark round Upper Deck, 1140 mm high
Plating 6.5 mm, top bar 6.25" x 3 3/16" x ½" b.a.,
Stays 9.5 mm fl. plate, spaced 1700 mm
Guard rails round Forecastle, 1065 mm high, 3 rails, stanchions 60 x 25 mm
Flat bar, spaced 1370 mm


Particulars of Gangways, Lifelines, etc. :— Provision made for fitting lifelines from F'cle front to after deckhouse.

| 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 } | 119.25 127.6 m | 1.140 m | 114.5 m x 125 mm | one | 14.32 M ² | 7.27 M ² |
| Forward Well } | | | | | | |

State position of each freeing port { After Well :— } Continuous slot each side from Fr.14 to Fr.137.
(F. and A. position and height above deck edge) { Forward Well :— } ht above deck edge 100 mm

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.

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | | | | |
|--|-----------------------|-----------------|-------------------------------------|-----------------|-----------------|-----------------|-----------------|----------------------|-------------------|-----------------|------------------|-----------------|
| On Upper deck. | | | | | | | | | | | | |
| Description of Hatchway | | | No.1 (in F'cle) | No.2 Cargo | No.3 Cargo | No.4 Cargo | No.5 Cargo | To rope store aft | To prov. store | To No.1 Hold | To fill space | To store aft |
| Dimensions of Hatchway | | | 10960x 8000 | 11050x 10000 | 16150x 10000 | 17850x 10000 | 16150x 10000 | 610x 610 | 1030x 1030 | 600x 590 | 610x 590 | 710x 685 |
| COAMINGS | Height above Deck | ... | Flush | 900 | 1000 | 950 | 1100 | 760 | 250 | 250 | 760 | 760 |
| | Thickness | { Sides Ends | ... | 11mm | Sides and Ends | | ... | 10mm | 10mm | 10mm | 10mm | 10mm |
| | Stiffeners | { Sides Ends | stiffeners | 300x | 300x100 | 300x100 | 300x100 | ... | ... | ... | ... | ... |
| | Brackets, Stays | { Sides Ends | 100x25 | x13/10 | x20/16 | x13/10 | ... | ... | ... | ... | ... | ... |
| HATCH BEAMS | Number | ... | 10mmFLPL | spaced | 1700mm | sides, | 3250 mm ends | ... | ... | ... | ... | ... |
| | Spacing | ... | MACGREGOR PATENT STEEL HATCH COVERS | | | | | | ... | ... | ... | ... |
| | Scantling and Sketch | ... | ALL AS PER APPROVED PLANS | | | | | | ... | ... | ... | ... |
| | Bearing Surface | ... | 8 & 15mm webs | 6 webs | 8 webs | 9 & 10 mm | 9 Face flats | 8 14 mm to 27mm | ... | ... | ... | ... |
| FORE AND AFTERS | Number | ... | 15mm & | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Spacing | ... | 10mm | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Unsupported Lengths | ... | Face | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Scantling* and Sketch | ... | Plates | 100x10 | 150x20 | 180x20 | 200x10 | ... | ... | ... | ... | ... |
| HATCH COVERS | Material | ... | Fore & | ... | ... | ... | ... | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| | Thickness | ... | 10 mm | ... | ... | ... | ... | 50x6,5 | ... | ... | ... | ... |
| | How fitted | ... | ... | ... | ... | ... | ... | F.B.stiff | ... | ... | ... | ... |
| | Bearing Surface | ... | ... | ... | ... | ... | ... | 4toggles | 7toggles | 4toggles | 4toggles | 4toggles |
| Spacing of Cleats | | | 1070 | ... | 990 | ... | ... | ... | ... | ... | ... | ... |
| cross joint wedges | | | 1220 | ... | 1220 | ... | ... | ... | ... | ... | ... | ... |
| *Are wood fore and afters steel shod at all bearing surfaces? | | | | | | | | None | | | | |
| Are battens and wedges efficient and in good condition? | | | | | | | | None | | | | |
| Are tarpaulins in good condition and in accordance with rule requirements? | | | | | | | | None | | | | |
| Are lashings provided in accordance with rule requirements? | | | | | | | | None | | | | |
| Are wood covers fitted with galvanised end bands? | | | | | | | | None | | | | |

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

No.1 Cargo Hatch on F'cle deck:- size 10960 x 8000

Coaming height 1100 mm ford 1300 mm aft. Plating sides and ends 11.0 mm stiffeners all round 230 x11 mm b.a.

Stays 10.0mm flanged plates spaced 2170 mm at ends and 1370 mm at sides.

MacGregor patent steel hatch cover fitted in 6 sections, scantlings as given ^{below} for Nos. 2 - 5 Upper Dk. hatchways, all as per approved drawings.

Hatch on F'cle deck to Stores:- size 1000 mm x 1000 mm

Coaming height 760 mm, thickness 10 mm, steel hinged W.T. cover, 6.5 mm thick with 50 mm * 6.5 mm F.B. stiffeners, secured by 7 toggles, fitted with rubber packing.

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