

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "EMPIRE LUNDY"

Port of Survey HULL.

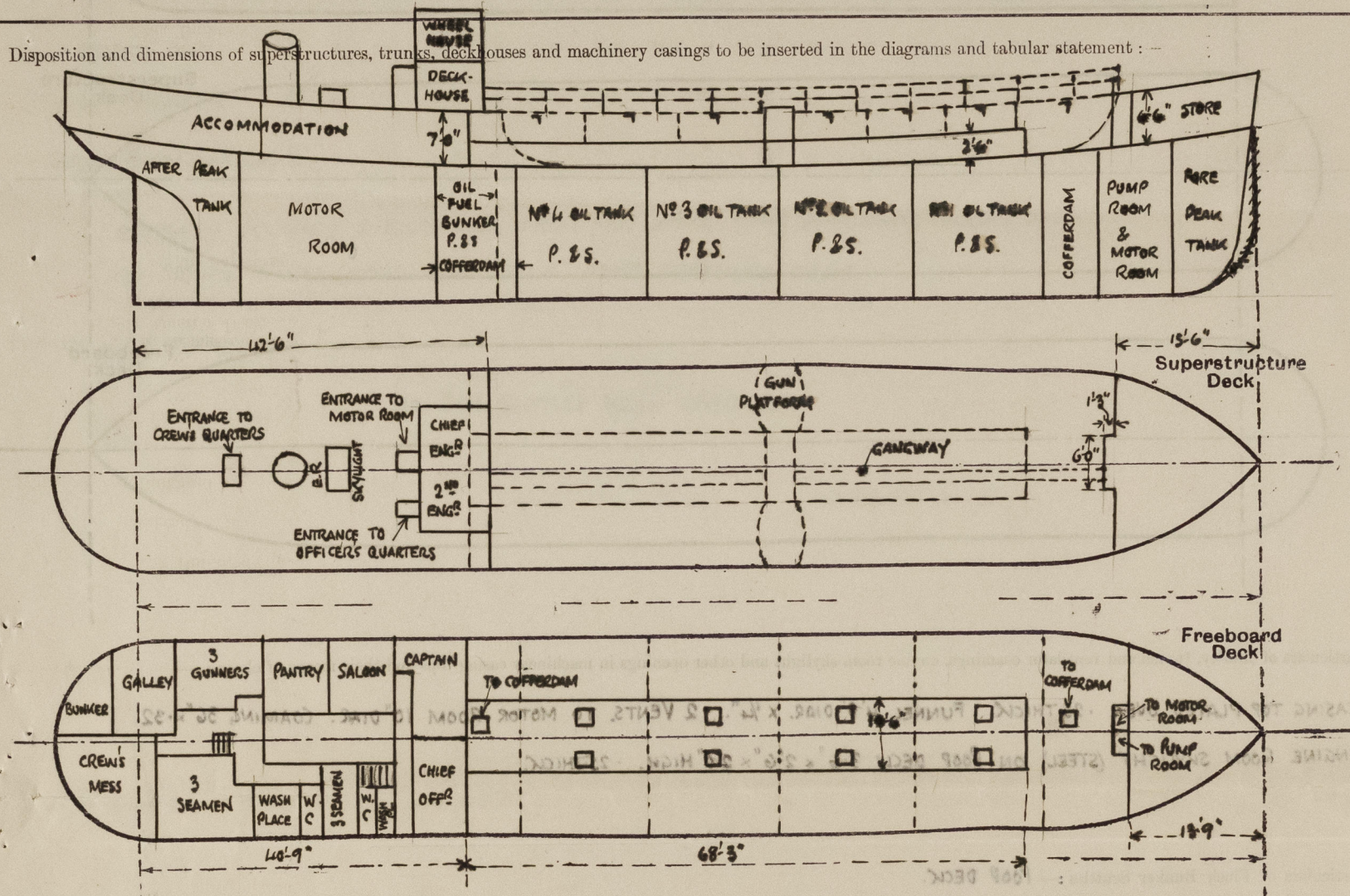
Official Number 180121

Surveyor's Signature J. Macleod

Nationality and Port of Registry British 9006.

Date of Survey During construction

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.

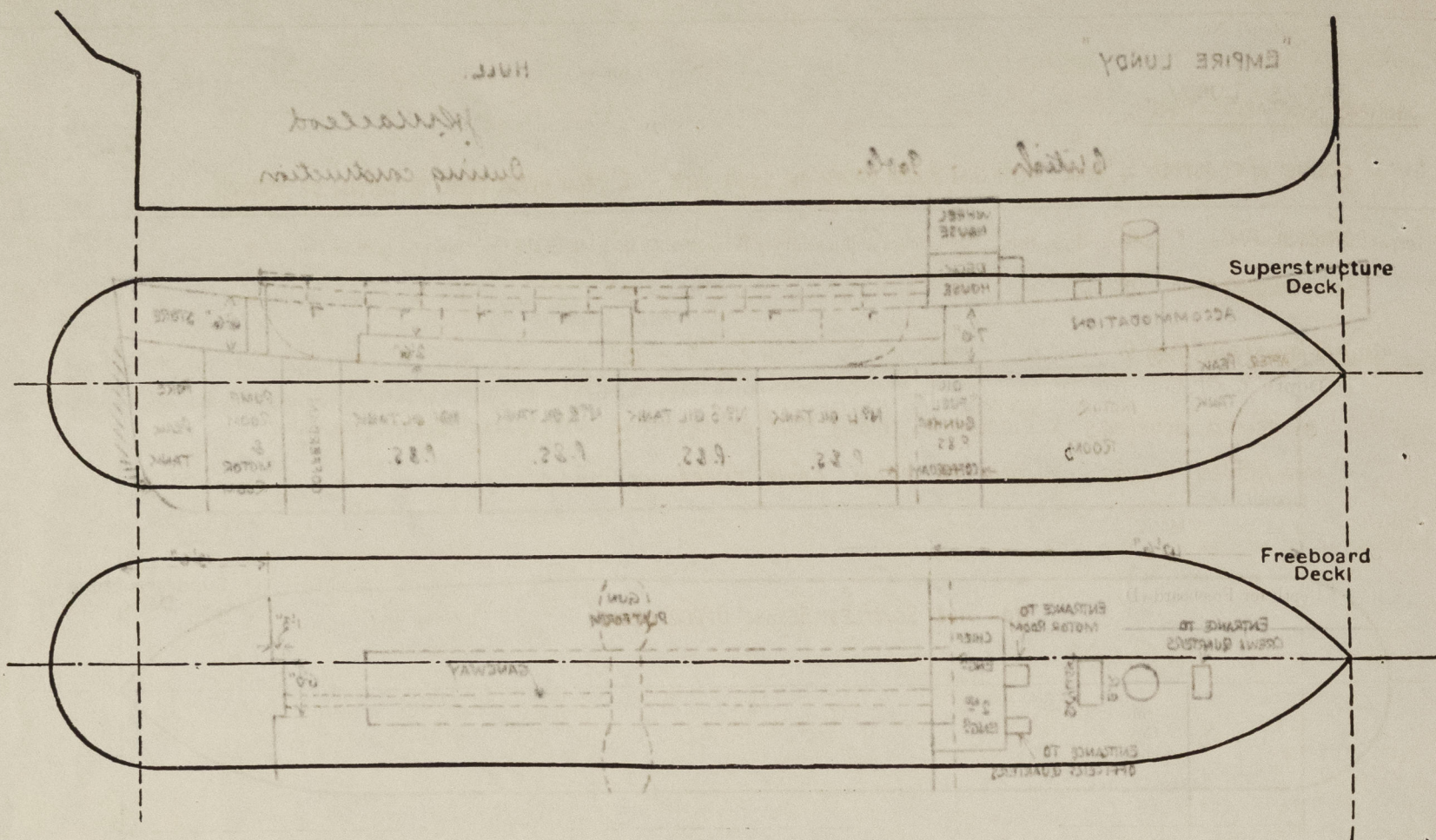
| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
|---|---------|---------|-----------------------|---------|-------------------------------|------------------|-----------------|-------------------|
| Poop Bulkhead | 30 | 30 | 4" x 3" x 36" | 30" | BUTS TOP & BOTTOM | NONE | ✓ | 7'0" |
| Raised Quarter Deck Bulkhead | ✓ | " | " | " | " | " | " | " |
| Bridge, After Bulkhead | ✓ | " | " | " | " | " | " | " |
| Bridge, Forward Bulkhead | ✓ | " | " | " | " | " | " | " |
| Forecastle Bulkhead | 20 | 20 | 2 1/2" x 2 1/2" x 26" | 30" | BUTS TOP & BOTTOM | 4'6" x 2'0" | 18" | 6'6" |
| Trunk, Aft | 30 | 30 | 3 x 2 1/2" x 30" | 21" | BUTS AT BOTTOM | 2'6" x 2'6" | ✓ | 2'6" |
| 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 | ✓ | " | " | " | " | " | " | " |
| Deckhouses on Flush Deck Ships | ✓ | " | " | " | " | " | " | " |

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

| | |
|---|--|
| Poop Bulkhead | NONE openings |
| Raised Quarter Deck Bulkhead | ✓ |
| Bridge, After Bulkhead | ✓ |
| Bridge, Forward Bulkhead | ✓ |
| Forecastle Bulkhead | 2 HINGED STEEL DOORS 4'6" x 2'0" - 18" SILLS. SPRING LOCKS OPERATED 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 | ✓ |
| Deckhouses on Flush Deck Ships | ✓ |

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 :

CASING TOP PLATED OVER .25 THICK. FUNNEL 4'0" DIAR. x 1/4". 2 VENTS. TO MOTOR ROOM 10" DIAR. COAMING 36" x 32

ENGINE ROOM SKYLIGHT (STEEL) ON POOP DECK 3'-6" x 2'-6" x 2'-0" HIGH. .25 THICK.

Particulars of Flush Bunker Scuttles:— POOP DECK.

1 FLUSH BUNKER SCUTTLE (PORT SIDE AFT) NO 2 WOOLLONS TYPE 18" DIAM & FITTED WITH CHAIN ATTACHMENT.

Particulars of Companionways:— UPPER DECK, FORWARD, TO PUMP ROOM & MOTOR ROOM (2 OFF) 6'6" HIGH x 3'6" x 3'6" x 1/4" — HINGED STEEL DOORS — 24" SILLS

POOP DECK. TO ENGINE ROOM 7'-6" HIGH X 3'-1" X 2'-9" X 25. HINGED WOOD DOOR - 18" SILL. ✓
 TO OFFICERS Q^{RS} 7'-0" " X 3'-0" X 2'-6" X 25 " " " " " } DOORS OPERATED FROM BOTH SIDES.
 TO CREW'S " 7'-0" " X 4'-6" X 2'-9" X 25. " " " " " }

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :— **UPPER DECK.**

1 COWL VENT. 6" DIAM. TO PUMP ROOM & 1 TO MOTOR ROOM. COAMING 36" x 30

1 " " 6 " TO FORWARD COFFERDAM (P. & S). " " "

1 " " 6" " TO AFTER " (") ON TRUNK TOP " 30" x 30"

POOP DECK. 2 COWL VENTS 6" DIAM. TO PASSAGES. COAMING 30" x 30

5 MUSH VENTS (PORT) & 8 (STBD) 6" DIAR. TO CABINS ETC ON UPPER DECK.

DECKHOUSE ON POOP DECK. 2 COWL VENTS. 6" DIAR. TO CABINS. COAMING 2 1/8" x 30.

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

FORECASTLE DECK. AIR PIPE TO FORE PEAK TANK - 2" DIAR. - 15" TO OPENING.

UPPER DECK. " " TO OIL FUEL BUNKER (P&S). 2" DIAR. 6'0" HIGH. STAYED TO POOP FRONT BULKHEAD.

POOP DECK. " " " AFTER PEAK TANK - 2" DIAR. 15" TO OPENING. AIR RIDES SUPPLIED WITH WOOD PLUGS.

" " " FRESH WATER TANK - 2" " " " " TO OIL FUEL BUNKERS SITED

" " " " TO LUB. OIL TANK. 2" " " " " WITH WIRE GAUZE COVER.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :—

SANITARY DISCHARGE PIPES

CREWS W.C. (STBD) 4" DIAM. WITH G.M. STORM VALVE ON SHIP'S SIDE. - 15" FROM UPPER DECK TO BOTTOM OF OPENING.

OFFICERS' W.C. " A "

BATH, SHOWER &c. " 2' " " " " " " - 15' " " " " "

GALLEY & PANTRY SINKS (PORT) 2' " " " " " " " - 12' " " " " " "

OVERBOARD SCUPPERS & DISCHARGES FROM POOP SPACE HAVE AUTOMATIC SCREW DOWN

NON-RETURN VALVES CONTROLLED FROM ABOVE FREEBOARD DECK.

Particulars of Side Scuttles:—

NO SIDE SCUTTLES BELOW UPPER DECK.

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

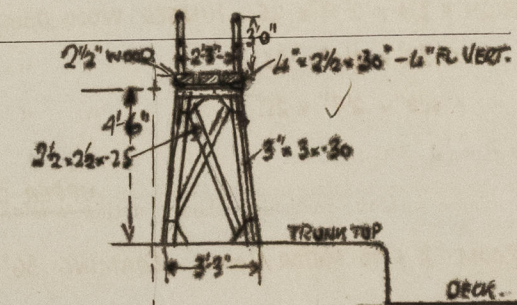
* Particulars of Guard Rails :—

UPPER DECK. STANCHIONS $2\frac{1}{2} \times 3\frac{1}{4}$ " FLAT BAR. 3'0" HIGH. - SPACED 60" APART WITH 3 S.W.C. SPACED 12"

F.C.L.E. & BOOP DUCS. " " " " 3'0" HIGH. " " " " 25.00. " "

Particulars of Gangways, Lifelines, etc. :—

SECTION THROUGH
GANGWAY
IN WAY OF SUPPORT.



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 | | | | | | |
| Forward Well | | | | | | |

State position of each freeing port { After Well :— IN BULKHEAD AT POOP FRONT BULKHEAD 12" x 12". 4"

(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. | | | | | | | | | |
|--|-------------------------|-----------------------------------|--|----------------------|--|--|--|--|--|
| Description of Hatchway | | O.T. HATCHWAYS TO CARGO OIL TANKS | | TO COFFER DAMS | | | | | |
| Dimensions of Hatchway | | 2' 0" x 2' 6" | | 18" x 16" | | | | | |
| COAMINGS | Height above Deck TRUNK | 12" | | 9" | | | | | |
| | Thickness | 375 | | 375 | | | | | |
| | Sides | ✓ | | ✓ | | | | | |
| | Ends | | | | | | | | |
| HATCH BEAMS | Number | NONE | | NONE | | | | | |
| | Spacing | | | | | | | | |
| | Scantling and Sketch | | | | | | | | |
| | Bearing Surface | | | | | | | | |
| FORE AND AFTERS | Number | NONE | | NONE | | | | | |
| | Spacing | | | | | | | | |
| | Unsupported Lengths | | | | | | | | |
| | Scantling* and Sketch | | | | | | | | |
| HATCH COVERS | Material | STEEL PLATE | | STEEL PLATE | | | | | |
| | Thickness | 50 | | 375 | | | | | |
| | How fitted | ✓ | | ✓ | | | | | |
| | Bearing Surface | | | | | | | | |
| Spacing of Cleats | | 8 STEEL TURNBUCKLES | | 14 STEEL TURNBUCKLES | | | | | |
| Number of Tarpaulins | | | | | | | | | |
| <p>*Are wood fore and afters steel shod at all bearing surfaces ? Are battens and wedges efficient and in good condition ? Are tarpaulins in good condition and in accordance with rule requirements ? Are lashings provided in accordance with rule requirements ?</p> <p>✓</p> | | | | | | | | | |

Particulars of any special features :—

Endorsement at first survey and at surveys for renewal of Certificate :—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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