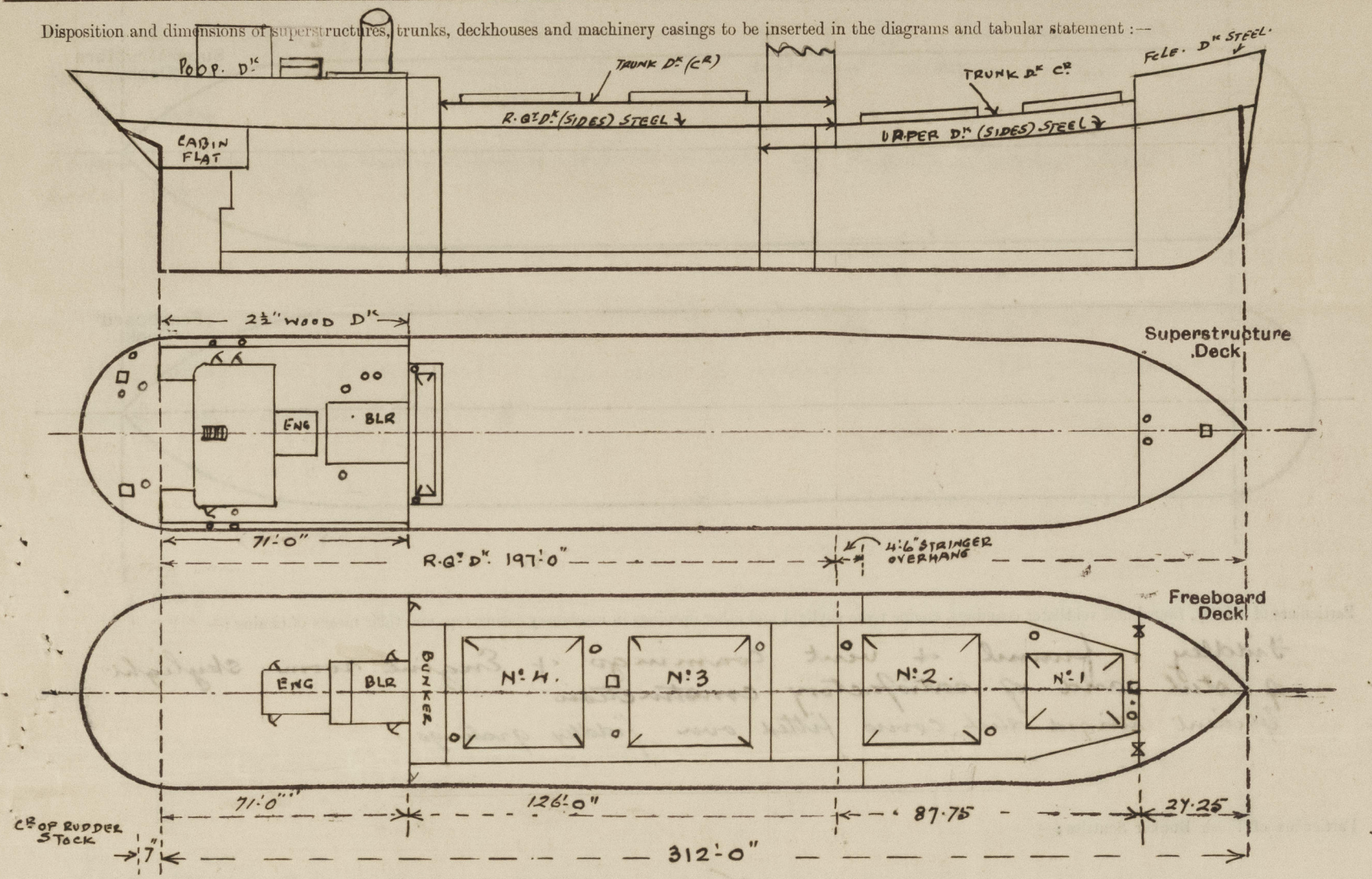


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Index No. 37992
(For London Office only)
No. 18657

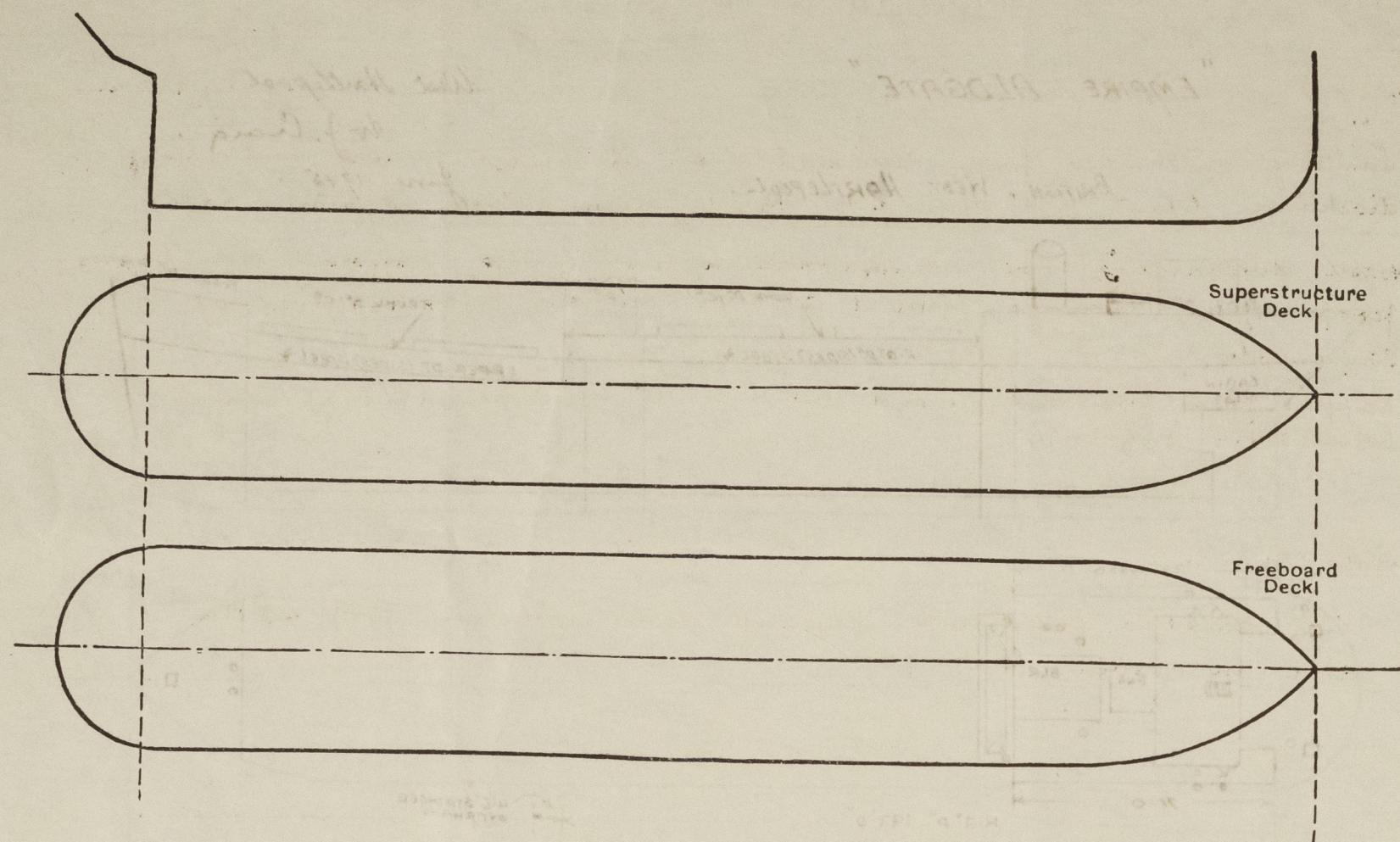
Ship's Name "EMPIRE ALDGATE" Port of Survey West Hartlepool.
Official Number 180083 Surveyor's Signature W. J. Craig.
Nationality and Port of Registry BRITISH. WEST. HARTLEPOOL. Date of Survey June 1945.



| 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 | | .38 .30 | 8 x 3 x .38 J 10 x 3 1/2 x 40 6 1/2 x 3 1/2 x 22 6 3/4 | 38" | Lugged | 2 at 4'6" x 2'6" | 24" | 7'-6" ✓ |
| Raised Quarter Deck Bulkhead ... | | .39 | 6 x 3 x .34 J | 28 1/2" | Bracketed | none | ✓ | 4'-10" ✓ |
| Bridge, After Bulkhead | | | ✓ | | | | | |
| Bridge, Forward Bulkhead | | | ✓ | | | | | |
| Forecastle Bulkhead | | .26 | 3 x 2 1/2 x .30 A | 28 1/4" | None | 2 at 5'0" x 3'0" | 18" | 7'-0" ✓ |
| Trunk, Aft | | .50 | 3 x 3 x .34 x .35 D | 54" | Large brackets lugs 4' frame | ✓ | - | 2'-9" ✓ |
| Trunk, Forward | | .44 | 3 x 3 x .35 4 3 1/2 x 3 x .38 A | 36" | Large brackets lugs 4' frame | ✓ | - | 4'-10" ✓ |
| 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 | N.T. Linged steel doors operated from both sides | | | | | | | |
| Raised Quarter Deck Bulkhead ... | No openings - ✓ | | | | | | | |
| Bridge, After Bulkhead | ✓ | | | | | | | |
| Bridge, Forward Bulkhead | ✓ | | | | | | | |
| Forecastle Bulkhead | Hook bolted plates ✓ | | | | | | | |
| 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:—

Fiddley, funnel + vent coamings + Engine room skylight of steel and of satisfactory construction. Efficient hinged steel covers fitted over fiddley gratings.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:— *Companionways in steel deck house on Poop deck giving access to Poop accom and cabin flat. 1 7/8" hinged hardwood doors 5'0" x 2'6" operated from both sides. Sills 15" above wood deck.*

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

Forecastle deck: 1-9" Vent to Fide store. Coaming 36" x 32". 2-6" gooseneck Vents to Fide 18" high.

Upper deck forward: 1-15" Vent to No 1 hold. Coaming 5'0" x 36" supported (above trunk top). 3-15" " " " " 3'0" x 36"

R.Q. deck: (above trunk top) 4-15" " " " " 3'0" x 36"

Poop deck: 2-12" vents to bunkers coaming 30" x 34". 2-15" " " Poop linen dls " 30" x 36". 2-15" " " " " 30" x 36". 2-9" " " " " 30" x 32". 7-6" gooseneck vents " " 18" high.

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

Forecastle: 1-5" air pipe to fore peak 18" high

Upper deck: 1-4" " " to No 1 D.B. tank 39" high

2-5" " " to No 2 " " 36" "

R.Q. deck: 2-5" " " No 3 " " 30" "

2-5" " " Deep tanks 24" " above trunk top.

2-9" " " No 4 D.B. tank 30" "

2-4" " " No 5 " " 30" "

Poop deck: 2-3" " " No 6 " " 18" "

Closing appliances supplied.

Snifting holes drilled.

Closing appliances supplied.

Empire Aldgate

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from accommodation in bridge houses and poop discharge below R.Q. deck with M.C.I. storm valves at ship's sides.

Waste discharges from accommodation in bridge houses and from poop space discharge below R.Q. deck without storm valves at ship's sides.

Scuppers from Refrig. machy room + insulated store in Poop deck lead to boiler room bilges.

Particulars of Side Scuttles:—

Side scuttles fitted with efficient deadlights in Poop space and in cabin flat aft.

Vertical distance of Sill of lowest Side Scuttle above top of keel *27'8"*

Particulars of Guard Rails:—

Forecastle: 2 tier rails 3'3" high with stanchions about 4'6" apart.

Upper deck: 4'0" high bulwark with 7" B.S. rail bar. Stanchions spaced about 6 ft apart.

R.Q. deck: 3'6" " " " " " " 4'6" to 6 ft.

Poop deck: 2 tier rails 3'3" high with stanchions spaced about 5'0" apart.

Particulars of Gangways, Lifelines, etc.:—

Stanchions fitted forward + aft with stanchions 3'0" high spaced about 8 ft apart with wire rope line.

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 | 126.0 | 3'6" | 19.0 x .70 18.0 x .70 18.0 x .70 | 3 | 13.3 } 38.5 12.6 } 12.6 } | 25.2 s.f. |
| Forward Well | 87.75 | 4'0" | 18.0 x .70 18.0 x .70 6.0 x .70 | 3 | 12.6 } 29.4 12.6 } 4.2 } | 17.55 s.f. |

State position of each freeing port { After Well:— From Poop front 9'0", 51'9", 82'0" — — — 6" up.
(F. and A. position and height above deck edge) { Forward Well:— " R.Q. bulkhead 9'0", 45'0", 69'0" — — — 7" up.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *Not required.*

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. | | | | | | | | | | | | | |
|---|----------------------|---------|--|--|-------------------|---------------------------|---|---|-------------------------|--------------------|--------------|-------------|-------------|
| ← UPPER DECK → K → R.G. DECK → K → F.C.L. → K → POOP → | | | | | | | | | | | | | |
| Description of Hatchway | ... | ... | N ^o 1 | N ^o 2 | ESCAPE HATCHES | To F.P. STORE INSIDE FELE | N ^o 3 | N ^o 4 | ESCAPE HATCHES | To STORE | COAL HATCH | To STORE | To MAG |
| Dimensions of Hatchway | ... | ... | 29'3" x 21'0" | 38'3" x 28'0" | 2'3" x 2'4" | 4' x 3' | 38'3" x 28'0" | 38'3" x 28'0" | 2'6" x 2'3" 1'9" x 2'4" | 2'0" x 2'0" | 26'0" x 6'0" | 2'0" x 2'0" | 2'0" x 2'0" |
| COAMINGS | Height above Deck | ... | ← 12 x 3 1/2 x 4 5/8 → | 9 x 3 1/2 x 4 5/8 | 9 x 3 1/2 x 4 5/8 | 9 x 3 1/2 x 4 5/8 | ← 12 x 3 1/2 x 4 5/8 → | 9 x 3 1/2 x 4 5/8 | 18" | 12 x 3 1/2 x 4 5/8 | 18" | 18" | 18" |
| | Thickness | { Sides | on trunk top | on trunk top | on trunk top | on trunk top | on trunk top | on trunk top | 35 | BA Coaming | 35 | 66 | 66 |
| | Stiffeners | { Ends | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Brackets, Stays | ... | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| HATCH BEAMS | Number | ... | 4 | 6 | | | 6 | 6 | | | | | |
| | Spacing | ... | 5'10" | 5'5 1/2" | | | 5'5 1/2" | 5'5 1/2" | | | | | |
| | Scantling and Sketch | ... | 2 1/2" x 38 5 x 3 x 41 angle T+B. | 2 3/4" x 39 6 x 3 1/2 x 50 angle T+B. | ✓ | ✓ | 18" x 38 6 x 3 1/2 x 50 angle T+B. | 18" x 38 6 x 3 1/2 x 50 angle T+B. | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Bearing Surface | ... | 4 1/2" | 4 1/2" | | | 4 1/2" | 4 1/2" | | | | | |
| FORE AND AFTERS | Number | ... | | | | | | | | | | | |
| | Spacing | ... | | | | | | | | | | | |
| | Unsupported Lengths | ... | | | | | | | | | | | |
| | Scantling and Sketch | ... | | | | | | | | | | | |
| HATCH COVERS | Material | ... | wood | wood | wood | wood | wood | wood | wood | Efficient W.T. | wood | wood | |
| | Thickness | ... | 3" | 3" | 3" | 3" | 3" | 3" | 3" | hinged steel | 3" | 3" | |
| | How fitted | ... | F+A. | F+A. | plug | alt | F+A. | F+A. | plug | cover | F+A. | plug | |
| | Bearing Surface | ... | 3" | 3" | 2 1/2" | 2 1/2" | 3" | 3" | 2 1/2" | | 3" | 3" | |
| Spacing of Cleats | ... | ... | 24" | 24" | 21" | 20" | 24" | 24" | 20" | | 24" | 13 | |
| Number of Tarpaulins | ... | ... | 2 | 2 | 2 | 1 | 2 | 2 | 2 | | 2 | 2 | |
| *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? Yes. Locking bars fitted to Nos 1, 2, 3, 4. Hatchways. | | | | | | | | | | | | | |

Particulars of any special features:— *Deep loading endorsement required.*

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.

