

Lloyd's Register of Shipping.

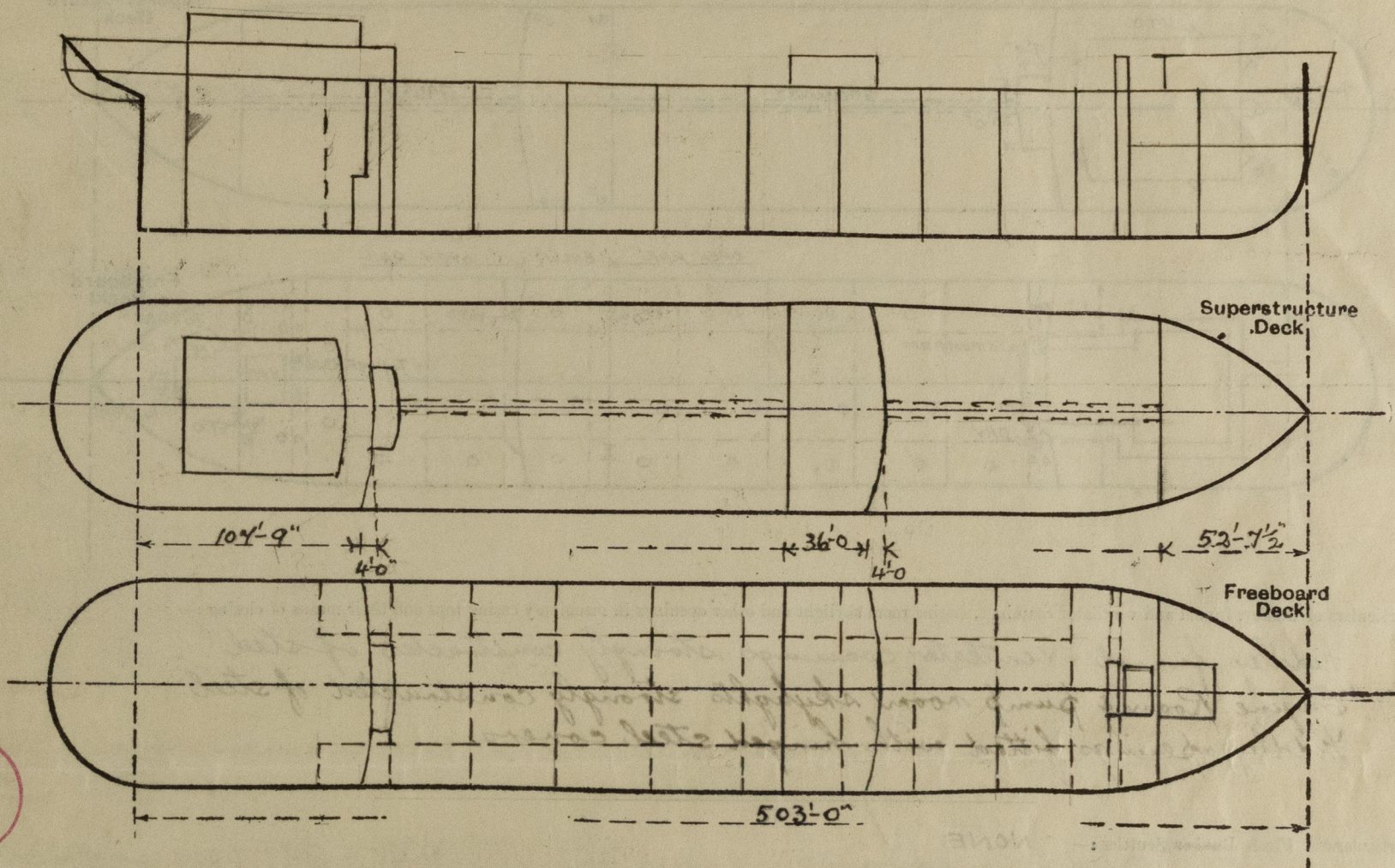
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only).

Ship's Name **TECTUS**Port of Survey **NEWCASTLE-ON-TYNE**Official Number **181642**Surveyor's Signature **A. M. Queen**Nationality and Port of Registry **British & London**Date of Survey **18th March, 1948 & during S.S.**

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



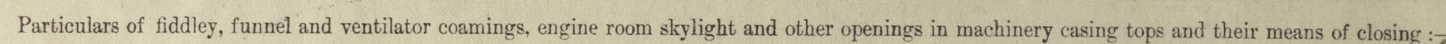
Particulars of Superstructures, Trunks, Casings, Deckhouses.

| | Coaming | Plating | Stiffeners | Spacing | End Attachments of Stiffeners | Size of Openings | Height of Sills | Height of Casings |
|---|---------|---------|----------------------------------|---------|-------------------------------|---------------------|-----------------|-------------------|
| Poop Bulkhead ... | | .45 | 9"X4 1/2"X.45" FLANGED PLATE | 30" | WELDED TO P & BOTS. | 5'-0"X2'-4" | 18" | 8'-0" |
| Raised Quarter Deck Bulkhead ... | | | | | | | | |
| Bridge, After Bulkhead ... | | .32 | 4'X3'X.35" L WELDED TO E ON | 30" | D° | 4'-0 1/2"X3'-0 1/2" | 18" | 8'-0" |
| Bridge, Forward Bulkhead ... | | .46 | 9'X4'X.44" FLANGED PLATE | 30" | D° | 5'-0"X2'-4" | 18" | 8'-0" |
| Forecastle Bulkhead ... | | .30 | 4'X3'X.38" L WELDED TO E ON | 30" | D° | 4'-0"X3'-1" | 24" | 10'-0" |
| Trunk, Aft PUMP ROOM ... | | .45 | 9'X4.5'X.4 1/2" FLANGED PLATE | 30" | D° | 5'-0"X2'-2" | 18" | 8'-0" |
| Trunk, Forward PUMP ROOM ... | | .36 | 3 1/2'X2 1/2'X.32 WELDED TO E ON | 28" | D° | 5'-0"X2'-2" | 18" | 8'-0" |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | | | | | | | | |
| Exposed Machinery Casings on Superstructure Decks ... | | .40 | 3 1/2'X2 1/2'X.30 WELDED TO E ON | 28" | D° | 5'-0"X2'-4" | 15" | 8'-0" |
| 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 ... | Hinged steel W.T. doors, operated both sides |
| Raised Quarter Deck Bulkhead ... | |
| Bridge, After Bulkhead ... | Steel plates secured by hook bolts spaced 12" apart. |
| Bridge, Forward Bulkhead ... | Hinged steel W.T. doors, operated both sides |
| Forecastle Bulkhead ... | Steel plates secured by hook bolts spaced 12" apart |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ... | Pump Rooms, Hinged steel W.T. doors, operated both sides. |
| Exposed Machinery Casings on Superstructure Decks ... | Hinged steel W.T. doors operated both sides. |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | |
| Deckhouses on Flush Deck Ships ... | |

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 Flush ~~Bunker~~ Scuttles:— **NONE**

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

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

all air pipe openings fitted with gauge. ✓

hone

Lectus

Particulars of Scuppers and Sanitary Discharge Pipes :—

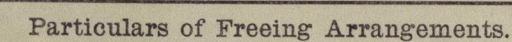
Particulars of Side Scuttles:—

Vertical distance of Sill of lowest Side Scuttle above top of keel *None below freeboard deck.* ✓

Particulars of Guard Rails:—

| | |
|------------|--|
| Pieck Deck | 3'-6" high, 4 rods, stanchions 4'-0" apart |
| Upper " | 3'-6" " , 4 rods, stanchions 4'-6" apart. |
| Bridge " | 3'-6" " steel bulwark suitably stayed. |
| Prop " | 3'-6" " , 4 rods. stanchions 4'-6" apart. |

Particulars of Gangways, Lifelines, etc. :- None raft gangway between forecassle & bridge & Bridge & poop
Guard rails on gangway 3'-9" high, 2 rods.
Gangway platform of iron grating ✓



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

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. | | | | | | | | | |
|--|-----|-----------------------|-----------------|-------------|----------------------|------------------------|--------------|---------------|--|
| FBD DK *** SUP'DK. | | | | | | | | | |
| Description of Hatchway | ... | ... | FORE HOLD | CARGO TANKS | O.P BUNKER AFT 2 OFF | COFFERDAMS A DEEP TANK | F'SCLE STORE | To POOP STORE | |
| Dimensions of Hatchway | ... | ... | 11'4"X15'0" | 48" DIAR | 31" DIAR | 25" DIAR | 3'0"X3'0" | 21" deep | |
| COAMINGS | { | Height above Deck | 30"✓ | 31"✓ | 32"✓ | 24"✓ | 30"✓ | 8"✓ | |
| | | Thickness { Sides | .50"✓ | .50"✓ | .40"✓ | .40"✓ | .40"✓ | cmg.✓ | |
| | | Ends | | | | | | | |
| | | Stiffeners | 3 1/2 FLAT | NONE✓ | ✓ | ✓ | ✓ | | |
| | | Brackets, Stays | 2 @ SIDES | NONE | ✓ | ✓ | ✓ | | |
| | | | 3 @ ENDS | | | | | | |
| HATCH BEAMS | { | Number | | | | | | | |
| | | Spacing | | | | | | | |
| | | Scantling and Sketch | | | | | | | |
| | | Bearing Surface | NONE | NONE✓ | ✓ | ✓ | | | |
| FORE AND AFTERS | { | Number | | | | | | | |
| | | Spacing | | | | | | | |
| | | Unsupported Lengths | | | | | | | |
| | | Scantling* and Sketch | | | | | | | |
| | | Bearing Surface | NONE | NONE✓ | ✓ | ✓ | | | |
| HATCH COVERS | { | Material | STEEL | STEEL O.T. | HINGED✓ | HINGED | HINGED | HINGED | |
| | | Thickness | .40 WITH | .50" THK✓ | STEEL | STEEL | STEEL | STEEL | |
| | | How fitted | STIFFEN | HINGED | O.T.✓ | O.T. | WT. | WT. | |
| | | Bearing Surface | HINGED | MECHANICAL | COVER | COVER | COVER | COVER | |
| | | | TOGGLES W.T. | OPERATED | | | | | |
| Spacing of Cleats | ... | ... | TOGGLES | ONE✓ | | | | | |
| Number of Tarpaulins | ... | ... | 20" X 22" APART | TOGGLE | | | | | |

*Are wood fore and afters steel shod at all bearing surfaces ?

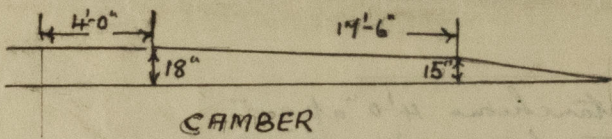
Are battens and wedges efficient and in good condition ?

Are tarpaulins in good condition and in accordance with rule requirements ?

Are lashings provided in accordance with rule requirements ?

Particulars of any special features :—

| DRAFT | DISPLACEMENT | T.P.I |
|--------|--------------|-------|
| 31'-0" | 22500 | 67.5 |
| 28'-0" | 20100 | 66.0 |



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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