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17 SEP 1947

Index No. 39251
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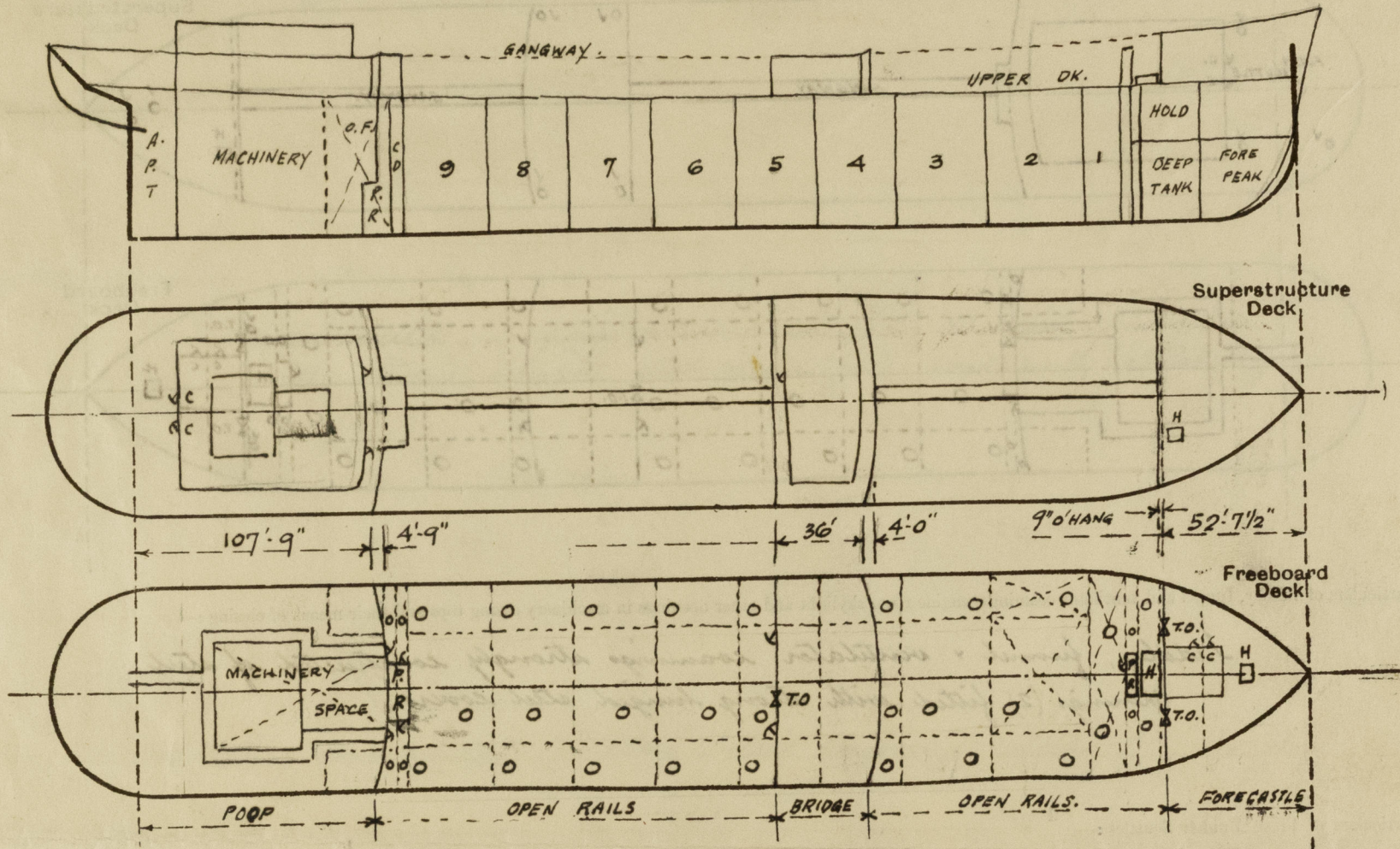
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Hd 6891

Ship's Name TENAGODUS *ex "HORSESHOE"* Port of Survey Liverpool
 Official Number 181714 Surveyor's Signature Samuel B. Murray
 Nationality and Port of Registry British London Date of Survey August 1947

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 | | 7/16" | 9" x 4" x 1/2" I | 30" | | 5' x 2'-4" (2) | 18" | 8'-0" |
| Raised Quarter Deck Bulkhead | | | | | | 5'-2" x 4'-2" (1) | " | " |
| Bridge, After Bulkhead | | " | 4 x 3 x 3/8 I | " | | 5'-0" x 2'-4" (2) | " | " |
| Bridge, Forward Bulkhead | | | 9 x 4 x 1/2 I | " | | 5'-0" x 2'-4" (2) | " | " |
| Forecastle Bulkhead | | " | 4 x 3 x 3/8 I | " | | 5'-3" x 3'-0" (1) | " | 10'-0" |
| Trunk, Aft pump room | | " | 9 x 4 x 1/2 I | " | | 5'-3" x 4'-2" (1) | " | " |
| Trunk, Forward pump room | | " | 3 1/2 x 3 1/2 x 3/8 I | " | | 5'-0" x 2'-2" (2) | " | 8'-0" |
| 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 | Hinged steel W.T. doors (2) |
| Raised Quarter Deck Bulkhead | |
| Bridge, After Bulkhead | Portable plate with hook bolts (1) |
| Bridge, Forward Bulkhead | Hinged steel W.T. doors (2) |
| Forecastle Bulkhead | Portable plates with hook bolts. |
| 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 | |
| PUMP ROOMS | |
| Deckhouses on Flush Deck Ships | Hinged steel W.T. doors (2 aft, 1 fwd) |

All doors can be operated from both sides.

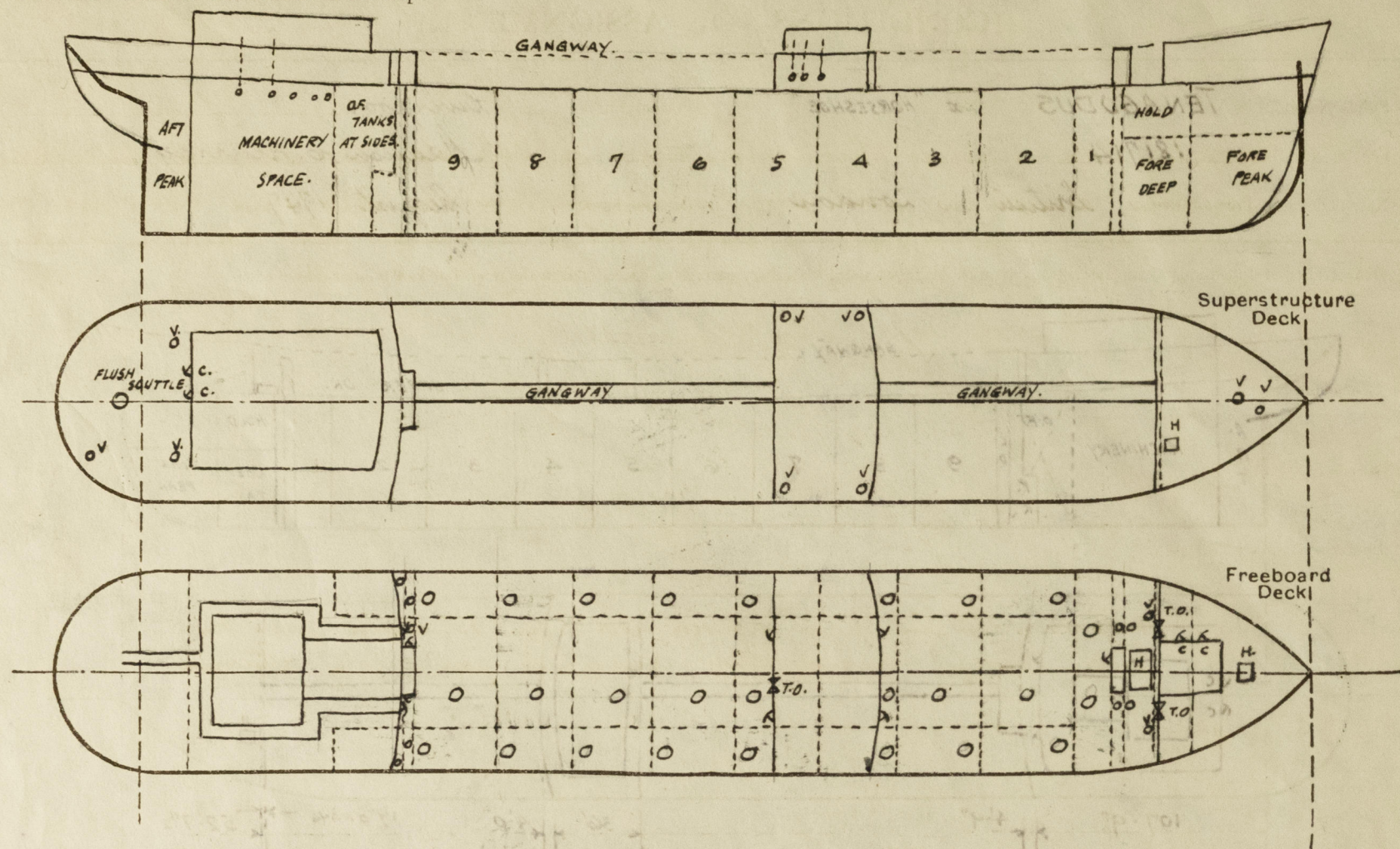
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Lloyd's Register

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

Hiddle, funnel & ventilator coamings strongly constructed of steel openings (2) fitted with strong hinged steel covers.

Particulars of Flush Bunker Scuttles:—

One on poop deck to rope locker, in protected position. Bayonet joint and permanent chain attachment provided.

Particulars of Companionways:—

*2 in poop deckhouse 5'-0" x 2'-2" hinged steel w.t. doors 14" sill. opening both sides
2 in forecassle on upper dk. 5'-0" x 2'-6" and 5'-0" x 2'-0" hinged steel w.t. doors, 9" sill.*

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

| | | | |
|----------------------|-------------------------------------|----------|---|
| <i>On forecassle</i> | <i>1 @ 12" diam 3'-0" high</i> | <i>✓</i> | <i>Vents marked ✓ have w.t. mushroom tops</i> |
| <i>Upper deck</i> | <i>1 @ 12" " 5'-0" " cowl top</i> | <i>✓</i> | <i>All others have hinged plate covers for coamings.</i> |
| | <i>2 @ 15" " 12'-6" " cowl top</i> | <i>✓</i> | |
| | <i>1 @ 21" " 12'-0" " cowl top</i> | <i>✓</i> | <i>All coamings are of strong and efficient construction.</i> |
| <i>Bridge deck</i> | <i>4 @ 12" " 3'-0" " cowl top</i> | <i>✓</i> | |
| <i>Poop deck</i> | <i>2 @ 18" " 12'-0" " cowl top</i> | <i>✓</i> | |
| | <i>1 @ 10" " 2'-6" " goose neck</i> | <i>✓</i> | <i>Coamings over 36" in height are specially supported.</i> |

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

| | | |
|------------------------|--|----------|
| <i>Forecassle deck</i> | <i>2 @ 2" diam to F.P. 36" high</i> | <i>✓</i> |
| <i>Upper deck</i> | <i>2 @ 3" " to fwd C.D. 36" "</i> | <i>✓</i> |
| | <i>2 @ 3" " " aft C.D. 36" "</i> | <i>✓</i> |
| | <i>2 @ 6" " " fore deep tank } 6'-6" high secured to superstructures</i> | <i>✓</i> |
| | <i>2 @ 6" " " oil fuel tanks }</i> | |
| <i>Poop deck</i> | <i>1 @ 4" " " aft peak 23" high</i> | <i>✓</i> |

Air pipes fitted with gauge at openings.

Particulars of Gangway Cargo and Coaling Ports:—

Tenagodus.

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Weather deck scuppers thro' sheerstrake or pipe thro' superstructure bulkheads from space on superstructure deck. Sanitary discharges from poop accommodation led thro' shell below freeboard deck, those from midship accommodation discharge thro' shell in bridge space. Efficient, strongly constructed storm valves fitted.

Particulars of Side Scuttles:—

Side scuttles in poop accommodation 16" diam provided with strong, hinged, steel deadlights, permanently attached.

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

none below freeboard deck.

Particulars of Guard Rails:—

Round poop, bridge, forecassle and upper deck. 3'-6" high, three rods, stanchions spaced about 4'-6" apart.

Particulars of Gangways, Lifelines, etc.:—

Gangway between superstructures 8'-0" high, 3'-6" wide at top, 5'-6" at deck. Main supports 3 1/2 x 3 1/2 x 3/8" angle with 2 1/2 x 2 1/2 x 3/8" cross bracing and efficient brackets. Fore & aft angles and athwartship beams 6" x 4" x 1/2". Steel grating platform, efficient stanchions each side fitted with 2 rods. Supports 10'-0" - 12'-0" apart.

Particulars of Freeing Arrangements.

| 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 | | | Open rails. | ✓ | | |
| Forward Well | | | | | | |
| State position of each freeing port (After Well :— (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 | FORE HOLD. | CARGO TANKS. 26 OFF AT | FORE DEEP TANK & COFFERDAMS & OF TANKS 8 OFF AT | FCLE STORE | ON FCLE | | | | |
| Dimensions of Hatchway | 11'3" x 14'9" | 48" DIAM. | 24" DIAM. | 3' x 3' | 2'3" x 2'3" | | | | |
| COAMINGS | Height above Deck ... 30" | 30" | 24" | 30" | 36" | | | | |
| | Thickness { Sides50" | .55" | .50 | .50" | .50" | | | | |
| | Stiffeners ... welded flat | | | | | | | | |
| | Brackets, Stays ... 4' apart | | | | | | | | |
| HATCH BEAMS | Number ... / | / | / | / | / | | | | |
| | Spacing ... / | / | / | / | / | | | | |
| | Scantling and Sketch ... / | / | / | / | / | | | | |
| | Bearing Surface ... | | | | | | | | |
| FORE AND AFTERS | Number ... / | / | / | / | / | | | | |
| | Spacing ... / | / | / | / | / | | | | |
| | Unsupported Lengths ... / | / | / | / | / | | | | |
| | Scantling* and Sketch ... / | / | / | / | / | | | | |
| | Bearing Surface ... | | | | | | | | |
| HATCH COVERS | Material ... steel | steel convex side 5/8" | steel .50" | steel .50" | Angled steel cover W.T. | | | | |
| | Thickness60 | thick secured by loggels and strongbacks. | with loggels. | with loggels. | | | | | |
| | How fitted ... | | | | | | | | |
| | Bearing Surface ... | | | | | | | | |
| Spacing of Cleats | 12" - 15" | | | 12" - 15" | | | | | |
| Number of Tarpaulins | 1 | | | 1 | | | | | |

*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:—

The freeboard at present marked on the vessels sides are

TROPICAL FRESH WATER 15 3/4 ABOVE DISC
 TROPICAL FRESH WATER 7 1/2 " " "
 FRESH WATER 8 1/4 " " "
 SUMMER 9 - 2 3/4 FROM TOP OF STEEL UPPER DECK
 WINTER 7 1/2 BELOW DISC
 WINTER NORTH ATLANTIC 12 1/2 " " "

Vessel all welded construction.

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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