

EXT *Nov 27/1922*
Cloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS. *No 18774*

Index No. *32494*
(For London Office only.)

REGULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *GREENOCK.*
Date of Survey *WHILST BUILDING.*
Name of Surveyor *Kenneth Inglis.*

baseline
Ship's Name. *HAMILTON & Co N°399*
Not NAMED.
Number in Register Book

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.
+100A.I. "CARRYING PETROLEUM IN BULK" LONGITUDINAL FRAMING. (CONTEMPLATED)

Length. 420
Breadth. 54.45
Depth. 32.55
Under Deck Tonnage. 5856.59.

Mean Depth 9.24
Rule 6.27
No. of Sparring 36
No. of Floors 14
No. of Bays 4
No. of Planks 62.78

Length. 419
Breadth. 54.28
Depth. 33.50
Under Deck Tonnage. 5919.37

LETTER. 419
Coefficient of fineness.....
Modification necessary
Para. 4 (a) to (e)*
Coefficient as corrected.....

Stem.....
Sternpost.....

at 1/8 of the length from
Stem
Sternpost

Standard mean Sheer [Table, Para. 18]
Difference.....

limited as Para. 18 (f)
Correction

At front of bridge house.....
At after end of forecastle.....

Fall in Sheer
Para. 18 (d)
Length uncovered.....

Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....
Correction for Length, if required (Para. 12, 13, and 14).....

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14).....

Difference.....
Percentage as below.....

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections.....

Length. 46'-6"
Length allowed. 46.5
Height. 7'-6"

Bridge House.....
Raised Qr. Dk.....
Top.....
Total.....

Length of Ship.....
Corresponding percentage (Para. 12, 13, or 14).....

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :—

Fresh Water Line above centre of Disc
Indian Summer Line
Winter Line below
Winter North Atlantic Line

5 - OCT 1927

State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draught at time of survey, and also the usual load draft forward and aft should be reported.

Cloyd's Register Foundation

Moulded Depth as measured..... 32'-8 1/2".
Addition for Keel below base line for draught record..... 2 1/4 inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH
Length of Ship on Loadline..... 419
Length in Table..... 392.5
Difference..... 26.5

Correction for 10ft., Table A..... 1.6
Table C..... 8
× Difference divided by 10..... 4.24
If 1/10ths length covered divide by 2..... 4 1/4

Correction for Iron Deck.
Proportion covered, if less than 1/10ths length covered..... 4447
Thickness of usual wood deck, less stringer..... 3 1/2 - 1 1/2

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 54'-0"
Round of Beam..... 13 1/2
Normal round..... 13 1/2
Difference..... 1/2
Proportion of Deck uncovered (Para. 19).....

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A..... 78 COEF
Correction for Sheer..... 8'-9"
Correction for Length..... 8'-2 1/4
Allowance for Deck Erections..... 8'-6 1/2
Correction for Round of Beam..... 7'-9"

Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required)..... 7'-7 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e).....
Other Corrections (if any).....

Winter Freeboard..... 7'-7 1/2
Summer Freeboard..... 7'-1 1/2
Indian Summer Freeboard..... 6'-7 1/2
N. A. Winter Freeboard.....

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side..... +1 3/4

Winter Freeboard from deck line..... 7'-9 1/4
Summer " " " "..... 7'-3 1/4
Indian Summer " " " "..... 6'-9 1/4
N. A. Winter " " " "..... 7'-3

6 1/2
6
6

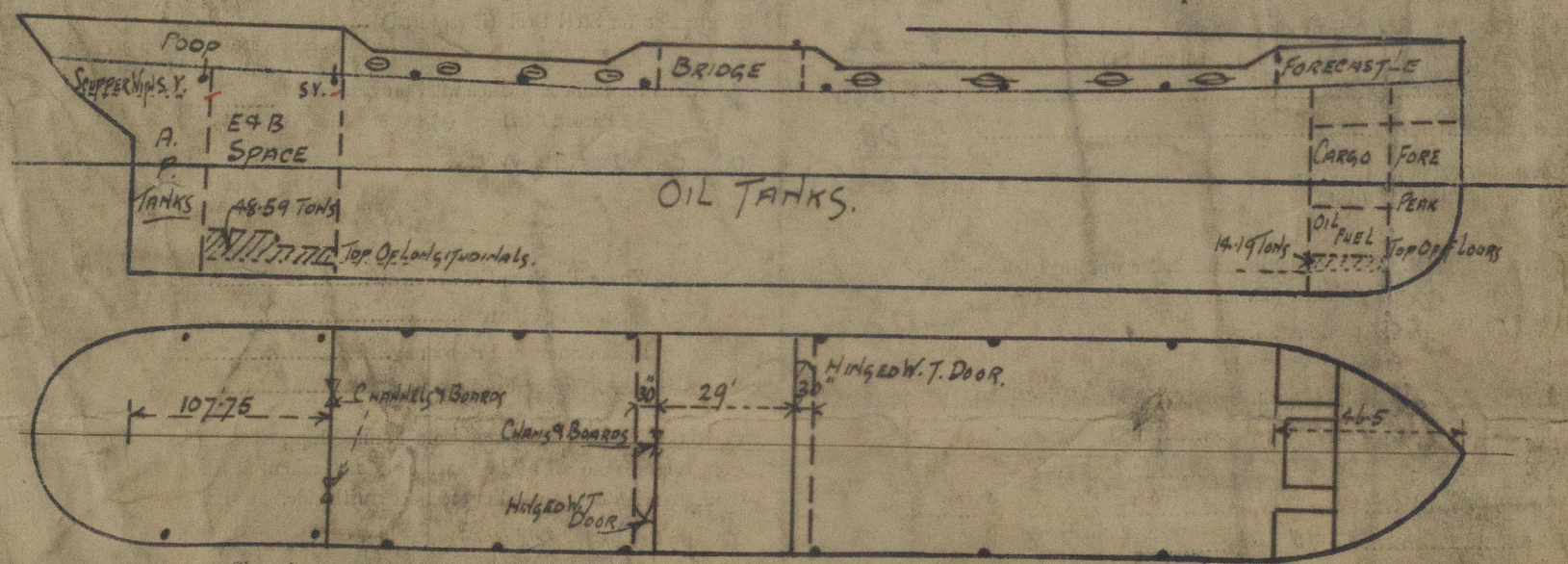
2020

Do all the Frames extend to the top height in the Poop? YES Raised Quarter Deck? ✓ Bridge House? YES Forecastle? YES
 To what height do the Reverse Frames extend? LONGITUDINAL FRAMING
 Has the Poop ~~or Raised Quarter Deck~~ an efficient Iron Bulkhead at the fore end? YES. PLATING 40: STIFFS 9x3x50 BA SPACED 30" LUGGED.
 Give particulars of the means for closing the openings in Bulkhead CHANNELS & BOARDS FULL HEIGHT CHANNELS RIVETED TO BULKHEAD.
 Is the ~~Poop~~ Raised Quarter Deck connected with the Bridge House? NO Has the Bridge House an efficient Bulkhead at the fore end? YES
 Give particulars of the means for closing the openings in Bulkhead STEEL HINGED WATERTIGHT DOORS.
 What is the thickness of the Bridge Front plating? 40 and Coaming plate? 44
 Give scantlings and spacing of the Stiffeners 9x3x38 BA SPACED 30"
 Are bracket plates fitted at each end of the Stiffeners? LUGGED Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? YES
 Has the Bridge House an efficient Iron Bulkhead at the after end? YES
 How are the openings closed? ONE HINGED W.T. DOOR & CHANNELS & BOARDS FULL HEIGHT CHANNELS RIVETED TO BULKHEAD
 Is the Forecastle at least as high as the main or top-gallant rail? YES Has the Forecastle an efficient Iron ~~or Wood~~ Bulk'd. at after end? YES
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? COVERED BY POOP
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? ✓
 Give thickness of plating; scantlings and spacing of Stiffeners ✓
 What is the height of the exposed Casings? ✓ Are suitable means provided for closing all openings in them in bad weather? ✓
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: YES

Position and Size.		No 1 8'-6" x 12'-0"										
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	30	30	20 MAIN TANK HATCHES 3'-8" x 7'-0" 33" x 40 COAMING. 70 TOP PLATE								
	Sides	44	44									
	Thickness { Ends	44	44									
SHIFTING BEAMS OR WEB PLATES.	Number	ONE		SUMMER TANK HATCHES 8 @ 3'-6" x 7'-0" COAMING 30" x 40 4 @ 2'-6" x 7'-0" TOP PLATE 70x60.								
	Section and Scantlings	10 1/4 x 30										
	Material	ANGS 3x3x40 DBLE STEEL										
* FORE AND AFTERS.	Number	NONE										
	Section and Scantlings											
	Material											
HATCHES Thickness		3" SOLID.										
Remarks												

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)
 The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? ✓ Strake between Main and Bridge Sheerstrakes? ✓
 Delete the words } The Crew ~~are~~, are not, berthed in the bridge house.
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.
 Length of Bulwarks in well 112' F
113'-6" A.
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = 22.423 22.7 Sq. ft. For a ft.
 Ft. Tenths. Ft. Tenths. No. }
 Fd 4.33 x 1.5 x 4 } Freeing Ports = 26 25 Sq. ft. } Class only.
 Aft 4.16 x 1.5 x 4 } (each side of vessel) = 25
 Total deficiency or excess = 3.6 2.3 Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel THE APPROVED PLANS OF MIDSHIP SECTION & PROFILE ARE FORWARDED HERewith
 Builder's name and yard number W. HAMILTON & CO N° 399
 Names of sister vessels S.S. "LUNULA" GREENOCK REPORT N° 18744
 Owners C. T. BOWRING & CO LTD MANAGERS.

Address ✓
 Fee £ 11 : 0 : 0 Received by me See L.R. Reg.
 To BE RENDERED WITH FIRST ENTRY