

lb.

51- Keyner
2771

Verification Report.

THU. 22 MAY. 1919 Index No.

27748.

(For London Office only.)

Lloyd's Register of Shipping. No. 17463.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

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

Port of Survey Glenock
Date of Survey Building
Name of Surveyor Robert Cursemuir

| Ship's Name. | Port of Registry and Nationality. | Official Number. | Gross Tonnage. | Date of Build. | Particulars of Classification. |
|---|-----------------------------------|------------------|----------------|-----------------|--|
| "ST KITTS" <i>Glenock & Murray Ltd R-295</i> | <i>London</i> <i>British</i> | <i>143780</i> | <i>429</i> | <i>Building</i> | <i>A1 for towing purposes</i> <i>(contemplated)</i> |
| Number in Register Book | | | | | |

| Registered Dimensions from Register. | LENGTH. | BREADTH. | DEPTH. | UNDER DECK TONNAGE. |
|--------------------------------------|---------------|---------------------------------|--|--|
| | <i>135'4"</i> | <i>29'05"</i> | <i>13'65"</i> | <i>370'18"</i> |
| Length on ADLINE. | <i>135'0"</i> | Frame Depth 6" Rule " 3 1/2" | No Ceiling + '20, Peak No Sheer + '66 No CORR To DEPTH + '33 | TANKS } INCLUDED TANK TOP } 4'0" To FLOORS } |
| REGISTERED DIMENSIONS. | <i>135'0"</i> | <i>28'88"</i> | <i>15'84"</i> | <i>374'18"</i> |

o-efficient of fineness..... *.606*
ny modification necessary } *Lowest in table taken*
[Para. 4 (a) to (e)]*
o-efficient as corrected *.68*

Sheer { Stem..... *64'* } $91.5 \div 2 = 45.75$...Mean
at { Sternpost... *27.5'* } IF GRADUAL *24.54'* } 31.52 ...MEAN
Sheer at $\frac{1}{2}$ of the length from { Stem *38.5'* } $52 \div 2 = 26.0$...Mean
Sternpost *13.5'* }
Gradual mean Sheer ...*MT. ENDS. 47.27'... CORR FOR DEPTH* $\frac{23.77}{36} = .66$
Standard mean Sheer [Table, Para. 18] *15.95* Correction
Difference..... $15.57 \div 4 =$
§ If limited as Para. 18 (f) $\frac{15.95}{2} \div = -2"$

Rise in Sheer { At front of bridge house.....
from amidships }
[Para. 18 (e)] { At after end of forecastle

¶ Fall in Sheer } $2' \div 2 = 1"$
Para. 18 (d) }
Length uncovered Correction +1"

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *7'*
Correction for Length, if required (Para. 12, 13, and 14) $-2\frac{3}{4}'$
Freeboard by Table A, corrected for shear, and for length, } $2' - 1\frac{1}{4}'$
if required (Para. 12, 13, and 14) }
Difference $1' - 9"$
Percentage as below..... 9.6%

Correction for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) }
Allowance for Deck Erections $-2"$

| | Length. | Length allowed. | Height. |
|----------------------|---------------|-----------------|-------------|
| Forecastle..... | <i>35'54"</i> | <i>33'79"</i> | <i>7'5"</i> |
| Bridge House | | | |
| † Raised Qr. Dk..... | | | |
| Poop..... | | | |

Total $\frac{33'79" \times 8}{135} = 2 \text{ eighths}$

Length of Ship
Corresponding percentage } $16.0 \times .6 = 9.6\%$
(Para. 11, 12, 13, or 14)

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—
Fresh Water Line above centre of Disc ...
Indian Summer Line " " " ...
Winter Line below " " ...
Winter North Atlantic Line " " " ...

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

Moulded Depth as measured..... $16' - 2"$
Corrected Wood Dk $-3"$
 $15' - 11"$
Addition for Keel below base line
for draught record..... $6"$ 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..... *135'*
Length in Table *191'*
Difference *56'*
Correction for 10ft., Table A. *1.0'* Table C. *.5'*
× Difference divided by 10 *5.6'* (if required.) *2.8'*
If $\frac{1}{10}$ ths length covered divide by 2 $-5\frac{1}{2}'$ $-2\frac{3}{4}'$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered
Thickness of usual wood deck, less stringer

Allowed for in reduced Moulded Depth

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *28'*
Round of Beam *7'*
Normal round..... *7'*
Difference $\div 2 =$
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 | <i>2' 6 3/4'</i> |
| Correction for Sheer | $-2"$ |
| Correction for Length | $2' 4 3/4'$ |
| Allowance for Deck Erections | $-5\frac{1}{2}'$ |
| Correction for Round of Beam..... | $1' - 11\frac{1}{4}'$ |
| Correction for fall in Sheer (if any)..... | $-2"$ |
| Correction for Iron Deck (if required) | $1' - 9\frac{1}{4}'$ |
| Additions for non-compliance with provisions of } Para. 11 (d) and (e)† | $1' - 10\frac{1}{4}'$ |
| Other Corrections (if any) <i>Scantling & Construction</i> <i>Lower edge of lowest side-light</i> <i>forward is 15'-6" above base at 36'-6"</i> <i>forward of midships. Trim loaded</i> <i>9" by stern.</i> | $+3'$ |
| Winter Freeboard | $2' 1\frac{1}{4}'$ |
| Summer Freeboard | $1' 11\frac{3}{4}'$ |
| Indian Summer Freeboard | |
| 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 iron deck with side. $+1\frac{1}{4}'$

| | |
|---------------------------------------|--------------------|
| Winter Freeboard from deck line | $2' 2\frac{1}{2}'$ |
| Summer " " " " | $2' 1'$ |
| Indian Summer " " " " | |
| N. A. Winter " " " " | |

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 draft at time of survey, and also the usual load draft forward and aft should be reported.

© 2020

Lloyd's Register
MARKING REPORT
RECEIVED 19.6.19

005443-005452-0084

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? ☒ Bridge House? ☒ Forecastle? ☒ *Yes*

To what height do the Reverse Frames extend? *Bulk Angle Framing*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead _____

Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead _____

What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒

Give scantlings and spacing of the Stiffeners _____

Are bracket plates fitted at each end of the Stiffeners? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒

Has the Bridge House an efficient Iron Bulkhead at the after end? ☒

How are the openings closed? _____

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? *Steel Bulk*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *No*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*

Give thickness of plating; scantlings and spacing of Stiffeners *Boiler Casing 24* *Coaming 28* *Stiffeners 3 x 3 x 30 w 22 to 36*
Boiler Casing 7 1/2 *Engine Casing 2 1/2 x 2 1/2 x 24 w 24*

What is the height of the exposed Casings? *Engine 3-6* Are suitable means provided for closing all openings in them in bad weather? *Yes*

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:— *As approved.*

| Position and Size. | | COALING HATCH 5-6 x 10-0 | | | | | | | | | |
|-------------------------------|------------------------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Item. | | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. |
| COAMING | Height above top of DECK | 36" | 36" | | | | | | | | |
| | Thickness { Sides..... | 30 | 30 | | | | | | | | |
| | { Ends..... | 30 | 30 | | | | | | | | |
| SHIFTING BEAMS OR WEB PLATES. | Number | | | | | | | | | | |
| | Section and Scantlings | <i>None</i> | | | | | | | | | |
| | Material | | | | | | | | | | |
| * FORE AND AFTERS. | Number | | | | | | | | | | |
| | Section and Scantlings | <i>None</i> | | | | | | | | | |
| | Material | | | | | | | | | | |
| HATCHES Thickness | | 2 1/2" | | | | | | | | | |
| Remarks..... | | <i>Solid</i> | | | | | | | | | |

* 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? _____

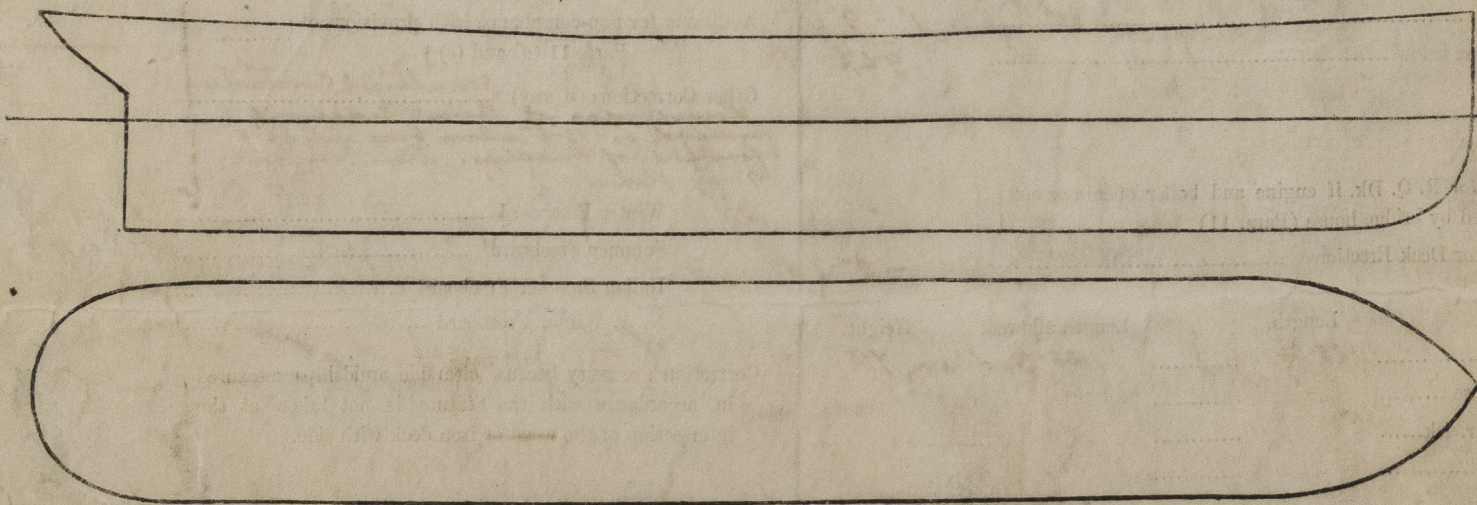
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well _____

Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.

| | | | | | | | |
|-----|---------|-----|---------|-----|--|---|---------------|
| Ft. | Tenths. | Ft. | Tenths. | No. | } Freeing Ports (each side of vessel) | = | _____ Sq. ft. |
| | x | | x | | | | |
| | x | | x | | | | |

Total deficiency or excess = _____ 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 *This vessel is one of the Rescue Type Tugs building for the Admiralty. & is a sister vessel to the "St Keyne" No 294 building by Messrs Harland & Wolff. A freeboard request is forwarded herewith. Copies of approved Plans are in the London Office.*

Owners _____

„ Address _____

Fee £ 2 : 2 : 0

Received by me *31/1/20 ALB*
2/2



© 2020

Lloyd's Register
Foundation