

SLD 578/32

Rpt. 11b

NEWCASTLE-ON-TYNE

81816

Index No. 32243  
(For London Office only.)

20 SEP. 1927

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP 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 **NEWCASTLE-ON-TYNE**

Date of Survey **19th Sept. 1927**

Name of Surveyor **R. Langlands.**

Ship's Name.  
**"BRITISH ENDEAVOUR"**

Port of Registry  
and Nationality.  
**London**

Official  
Number.  
**149914**

Gross  
Tonnage.  
**1924**

Date of Build.  
**1924**

Particulars of Classification.  
**+100A1 Carrying petroleum**

Number in Register Book  
**399855**

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
381.2	50.4	27.6	4061.26

380.5	Frame Depth 8	Ceiling + 20	Peak
	Rule " 5 1/2	Sheer + 9 1/2	Tanks
	= 2 1/2 x 2 = 5		E 8 8 TANK
	= .41		86.6
	No SPAR + .33		D.B. FOR
			17.0

380.5	50.32	28.7	4164.86
-------	-------	------	---------

U.D.T. AS CALC. TO ORD. FLOORS = 4100

ent of fineness..... .756

ification necessary } +.034 BTH LONG

4 (a) to (e)]\*

ent as corrected ..... .78649

Stem..... 105  
Sternpost ... 5 1/2  
162 1/2 ÷ 2 = 81 1/4 ... Mean

1/8 of the length from { Stem 59  
Sternpost 32 1/2 } 91 1/2 ÷ 2 = 45 3/4 ... Mean

mean Sheer ..... 82.21

mean Sheer [Table, Para. 18] ..... 48.505

Difference..... 33.71 ÷ 4 = 8.43

ted as Para. 18 (f) ..... 34.16

Sheer { At front of bridge house.....  
amidships {  
18 (e)] { At after end of forecastle .....

n Sheer { ÷ 2 =  
18 (d) {  
uncovered ..... Correction

### ALLOWANCE FOR DECK ERECTIONS:—

d, Table C..... 3 - 6 1/4

on for Length, if required (Para. 12, 13, and 14) ..... + 3 1/2

d by Table A, corrected for sheer, and for length, } 3 - 9 3/4

if required (Para. 12, 13, and 14) } 6 - 6

ce ..... 2 - 8 1/4

age as below..... 30.39%

..... 9.80

on for R. Q. Dk. if engine and boiler openings not

covered by bridge house (Para. 11)

ce for Deck Erections ..... - 9 3/4

Length.	Length allowed.	Height.
54.94	53.75	8
30.0	35.0	8
8 - 0		
1 Qr. Dk.....		
92.44	92.44	8
Total ..... 185.44	181.52	47.40

of Ship ..... 380.5 = 48.81 380.6

nding percentage { 30.39%

11, 12, 13, or 14)

BOARD 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 " " "

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.  
The height of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
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..... 27' 6"

Addition for Keel below base line  
for draught record..... inches.

### CORRECTION FOR LENGTH

Length of Ship on Loadline..... 380.5

Length in Table ..... 330.0

Difference ..... 50.5

Correction for 10ft., Table A. .... 1.4

× Difference divided by 10 ..... 7.04

If 1/10ths length covered divide by 2

Table C. .7

(if required.) 3.53

+ 7" + 3 1/2"

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... 48.81

Thickness of usual wood deck, less stringer ..... 3 1/2

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 50.01

Round of Beam ..... 1.04

Normal round..... 1.04

Difference ..... ✓ ÷ 2 =

Proportion of Deck uncovered (Para. 19) ..... ✓

Freeboard, Table A ..... 6 - 7 1/2

Correction for Sheer ..... - 8 1/2

Correction for Length ..... + 7

Allowance for Deck Erections ..... 6 - 6

Correction for Round of Beam..... 5 - 8 1/4

Correction for fall in Sheer (if any)..... ✓

Correction for Steel Deck (if required) ..... - 1 3/4

Additions for non-compliance with provisions of { 5 - 6 1/2

Para. 11 (d) and (e) ‡

Other Corrections (if any) ..... ✓

Winter Freeboard ..... 5 - 6 1/2

Summer Freeboard ..... 5 - 1 3/4

Indian Summer Freeboard ..... 4 - 9

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 ..... 5 - 8 1/4

Summer " " " ..... 5 - 3 1/2

Indian Summer " " " ..... 4 - 10 1/4

N. A. Winter " " " ..... ✓

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 ..... 5 - 8 1/4

Summer " " " ..... 5 - 3 1/2

Indian Summer " " " ..... 4 - 10 1/4

N. A. Winter " " " ..... ✓

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

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.

RECEIVED 30 SEP 1927

RECEIVED 21 DEC 1928

RECEIVED 21 DEC 1928



Do all the Frames extend to the top height in the Poop? *Long* Raised Quarter Deck? *✓* Bridge House? *yes* Forecastle? *✓*  
 To what height do the Reverse Frames extend? *Bulk angle frames*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *Storm boards full height in*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Bulkhead at the fore end? *✓*  
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged door*  
 What is the thickness of the Bridge Front plating? *42* and Coaming plate?  
 Give scantlings and spacing of the Stiffeners *8 1/2 x 3 x 50 R.A. spaced 30" apart*  
 Are bracket plates fitted at each end of the Stiffeners? *yes* 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? *Steel hinged doors*  
 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?  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes, poop*  
 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  
 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:— *Sil hatches*

Position and Size.		<i>FOH 5.0 x 10.0 (under fore deck)</i>							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	<i>2.1</i>							
	Thickness { Sides.....	<i>44</i>							
	{ Ends.....								
SHIFTING BEAMS OR WEB PLATES	Number .....	<i>NONE</i>							
	Section and Scantlings .....								
	Material .....								
* FORE AND AFTERS	Number .....	<i>✓</i>							
	Section and Scantlings .....								
	Material .....								
HATCHES	Thickness .....	<i>Hinged etc not done</i>							
	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  
 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 *53' fore + 142' aft* ✓

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

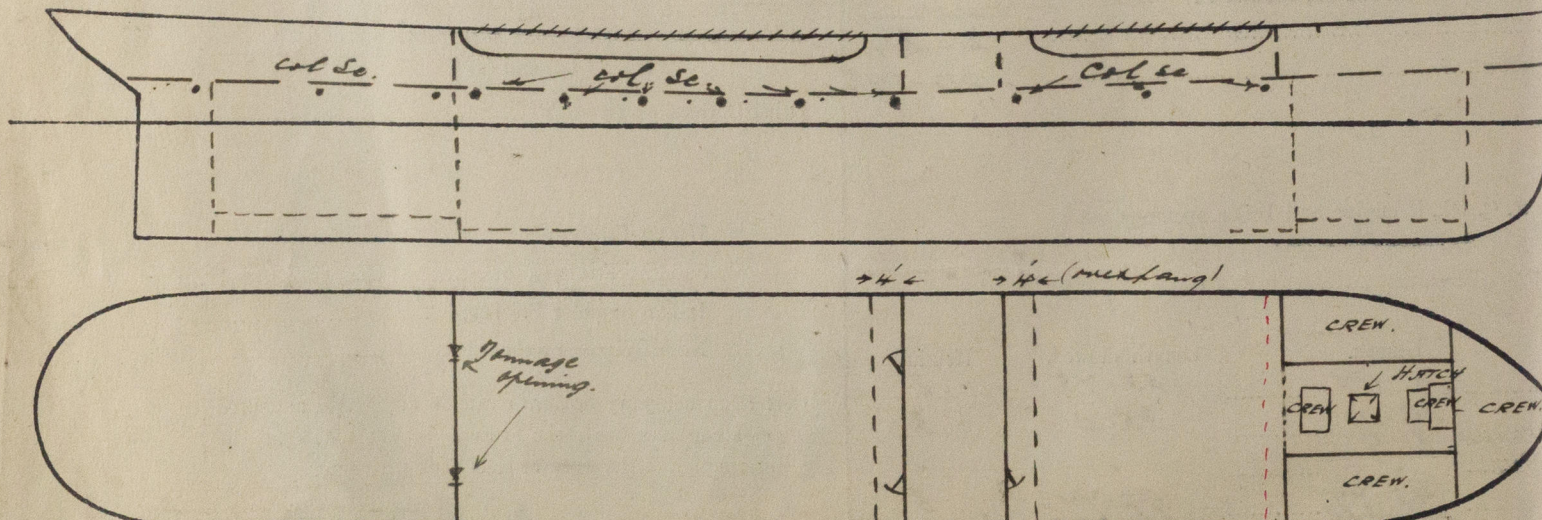
Ft. Tenths. Ft. Tenths. No.

*Fore well 3' x 1.58 x 3*  
*aft = 3.45 x 1.62 x 5*

Freeing Ports (each side of vessel) =

*10.75* } 3.47 tons } *Class only*  
*14.22* }  
*28.0* }

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 *Tanker. approved plans*

Builder's name and yard number *Sin Wey Amoyeng, wharfmaster & co*

Names of sister vessels *✓*

Owners *British Tankers Limited*

Address

Fee £ *10*

Received by me

*See L.C. Report*