

Forecast

VERIFICATION

Index No.

30752

(For London Office only) 19 JUN 1923

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.-STEAM SHIPS.

No 28595

the fore end?

ulwarks?

at after end?

Port of Survey *Sunderland*Date of Survey *June 8<sup>th</sup> 1923*Name of Surveyor *W R Collings*

Ship's Name *BRINGTON DUNFORD* Port of Registry and Nationality *NEWCASTLE BRITISH* Official Number *145534* Gross Tonnage *approx. 1400 1196.03* Date of Build *1923* Particulars of Classification *± 100 A 1 (Contemplated)*

ber in Register Book

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
235.0	36.0	14.0	930.36
235.0	mean Frame Depth $7\frac{3}{4}$ Rule " 4 Sheer + 36 = -6.2 no spanning + 33	no Ceiling + 20 Sheer + 36 Tank Level	Peak } Incl. Tanks } for raised Tank aft + 5 tons
235.0	35.71	14.56	935.36

Moulded Depth as measured..... 16'-1"

Addition for Keel below base line for draught record..... 1" 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..... 235.0

Length in Table ..... 193.0

Difference ..... 42.0

Correction for 10ft., Table A. .... 1.0 Table C. .5

× Difference divided by 10 ..... 4.20 (if required.) 2.10

If  $\frac{1}{10}$ ths length covered divide by 2 2.10

+ 2" for Para. 11 + 4" " 14 + 2" Table C.

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....Thickness of usual wood deck, less stringer .....  $3\frac{1}{2} - \frac{1}{2} = 3$ 

-3"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 36.0

Round of Beam ..... 9

Normal round..... 9

Difference .....  $\checkmark \div 2 =$ 

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 ..... 2'-9"

Correction for Sheer .....

Correction for Length ..... -8"

Allowance for Deck Erections ..... 2" 0"

Correction for Round of Beam.....

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

Correction for Iron Deck (if required) ..... -3

Additions for non-compliance with provisions of {

Para. 11 (d) and (e) †

Other Corrections (if any) *R. of Deck* 3" 0"

Winter Freeboard ..... 4" 7" 9"

Summer Freeboard ..... 4" 8"

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 1/2"

Winter Freeboard from deck line ..... 4'-11 1/4"

Summer " " " ..... 4'-9 1/2"

Indian Summer " " " .....

N. A. Winter " " " .....

Steel. Raised Quarter 4'-9 1/2" 3 1/2"

Wood (Iron) Deck :- 3 1/2"

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " "

Winter North Atlantic Line " " "

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.

MARKING FORM

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W536-0316

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Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " "

Winter North Atlantic Line " " "

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

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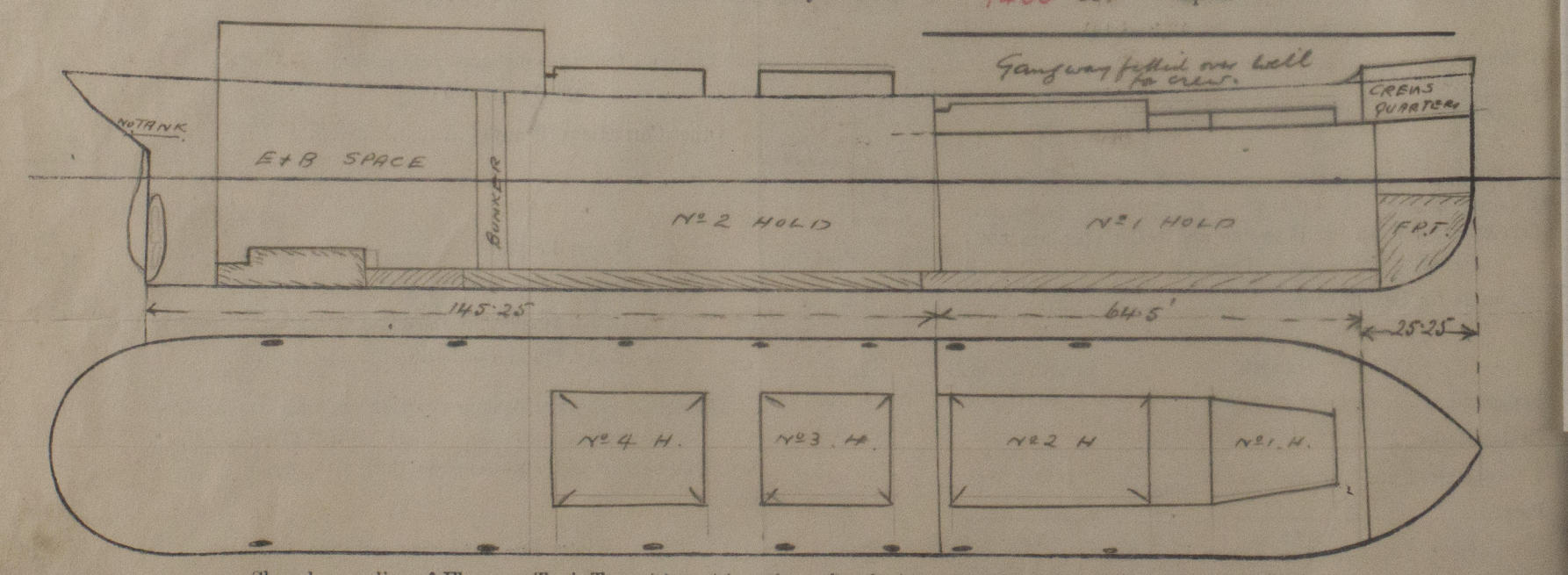
Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *yes* Bridge House? ☒ Forecastle? *yes*  
To what height do the Reverse Frames extend? *Bulb angle framing*  
Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*  
Give particulars of the means for closing the openings in Bulkhead *no openings*  
Is the Poop or Raised Quarter Deck connected with the Bridge House? *no bridge* 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~~ *steel* 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 a R.Q.D.K. + strong steel Deck house.*  
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 *.38 Coaming. .34 Plating. Stiffeners 4 1/2 x 3 x 20 @ 3ft.*  
What is the height of the exposed Casings? *7-6* 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:— *yes*

Position and Size.	No. 1 - 20-7 1/2 x 24 5/8		No. 2 - 28-10 1/2 x 24-0		No. 3 - 26-3 x 24-0		No. 4 - 28-4 x 24-0		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	30"	30"	45"	45"	30"	30"	30"	30"		
Thickness										
Sides	.50	.44	.50	.44	.50	.44	.50	.44		
Ends	.44	.44	.44	.44	.44	.44	.44	.44		
SHIFTING BEAMS OR WEB PLATES										
Number	18	3	5	5	5	5	5	5		
Section and Scantlings	19 1/2 x 38	19 1/2 x 38	19 1/2 x 38	19 1/2 x 38	18 1/2 x 38	18 1/2 x 38	19 1/2 x 38	19 1/2 x 38		
Material	5 x 3 1/2 x 46	5 x 3 1/2 x 46	5 x 3 1/2 x 46	5 x 3 1/2 x 46	5 x 3 1/2 x 46	5 x 3 1/2 x 46	5 x 3 1/2 x 46	5 x 3 1/2 x 46		
	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel		
* FORE AND AFTERS.										
Number										
Section and Scantlings										
Material										
HATCHES Thickness	3	2 1/2	3	2 1/2	3	2 1/2	3	2 1/2		
Remarks	Good		Good		Good		Good			

\* 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? *no bridge.* Strake between Main and Bridge Sheerstrakes? ☒

Delete the words that do not apply { The Crew ~~are~~, are not, berthed in the bridge house.  
The arrangements to enable them to get backwards and forwards from their quarters are, ~~are~~ satisfactory.  
Length of Bulwarks in well *64.5' x 4.2' high.* R.Q.D.K. *145.2' x 3.5' high.* 10 freeing ports 4.4  
Area of Freeing Ports required by Para. 11 (e) each side of vessel = ~~WELL 12.45~~ Sq. ft.  
Ft. Tenth. Ft. Tenth. No. = ~~R.Q.D. 25.4~~  
FORE WELL 4.5 x 1.5 x 4 } Freeing Ports = WELL 27.0 Sq. ft.  
~~R.Q.D. 4.4 x 1.0 x 10~~ (each side of vessel) = ~~R.Q.D. 45.0~~  
Total deficiency or excess = *1455* 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 built with a Topgallant Mast + R.Q.D.K. only*  
Builder's name and yard number *Swan Hunter, Wigham Richardson 16-11-5.5 No 12/13.*  
Names of sister vessels ☒  
Owners *Erington S. Dunford & Co.*  
Address *Newcastle on Tyne.*  
Fee £ 5 : 0 : 0 Received by me *See L.R. Rpt*  
*Will be charged on compl.*