

40N 26/5/37

SURVEYS FOR FREEBOARD.

completely closed Shelter Deck.

Part of Survey MIDDLESBRO'

Date of Survey During Construction

Name of Surveyor J. C. Cocks.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
(Ex NORFOLK) H.M. Coast Guard No 596a. Register Book 64354	London British	145100	9265.83.	1920	* 100 A1 Shelter Deck with Freeboard (Contemplated). 21' 7" Upper

LENGTH.	BREADTH.	DEPTH.	UNDER DECK	
470.00	62.50	37.75 6 Shelter Deck.	Tonnage. 6954.23 2005.02 Twin decks.	Moulded Depth as measured 32.9" Upper Main Deck.
469.5	61.64	38.60	8934.25 8959.25	" " " 40.93" Shelter Spar or Awaiting Deck.
469.5	61.64	38.60	8934.25 8959.25	

of fineness .....	.795	777
ification necessary	- 22 C.D.B.	
4 (a) to (e)]		
as corrected .....	.78 to shelter	.76 to upper

for strength in excess of Lloyd's rules = $39\frac{1}{2}$

Deep framing
three complete steel decks and
ridge deck
strengthened topsides
7 W.T. bulkheads. Collision to
cellar. Others W.T. to upper deck with
divisional bulkheads in shelter
ween decks.

Length of Ship on Load Line....	469.5-
Length in Table	393.0
Difference.....	76.5-
Correction for 10ft.....	.8
× Difference ÷ 10 =	6.12
	+6

Height of 'Tween Decks..... 8.0
(From top of beam to top of beam at side)
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table B or C	5 - 6 $\frac{1}{4}$
Correction for Length.....	$\frac{+6}{6 \dots 0\frac{1}{4}}$
Correction for Height of 'Tween Decks in Spar-decked Ships.....	$\frac{+8 \dots 0}{14 \dots 0\frac{1}{4}}$
Correction for Strength in excess of Lloyd's rules.....	$\frac{3 - 3\frac{1}{2}}{10 \dots 8\frac{3}{4}}$
Correction for Iron Deck if required.....	$\frac{-3\frac{1}{2}}{10 \dots 5\frac{1}{4}}$
Other Corrections (if any).....	
Winter Freeboard.....	10 - 5 $\frac{1}{4}$
Summer Freeboard.....	9 - 9 $\frac{3}{4}$
Indian Summer Freeboard.....	9 - 2 $\frac{1}{4}$
N. A. Winter Freeboard.....	

Correction necessary because clearside amidships measured
in accordance with the Statute is not taken at inter-
section of the ~~wood~~ or iron deck with side

Winter Freeboard from Deck Line	10 - 6 $\frac{3}{4}$
Summer " " "	9 - 11 $\frac{1}{2}$
Indian Summer " "	9 - 3 $\frac{3}{4}$

Sheller - N.A. Winter " " " "
Deck Line ~~Wood~~ (Iron) Deck : 9'-11"

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

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.
The thickness of the bottom and the breadth of vessel to inside of ceiling should be reported if possible.

* If the frames, skin planking, or ceiling are of unusual construction.

c. 12.16 T.

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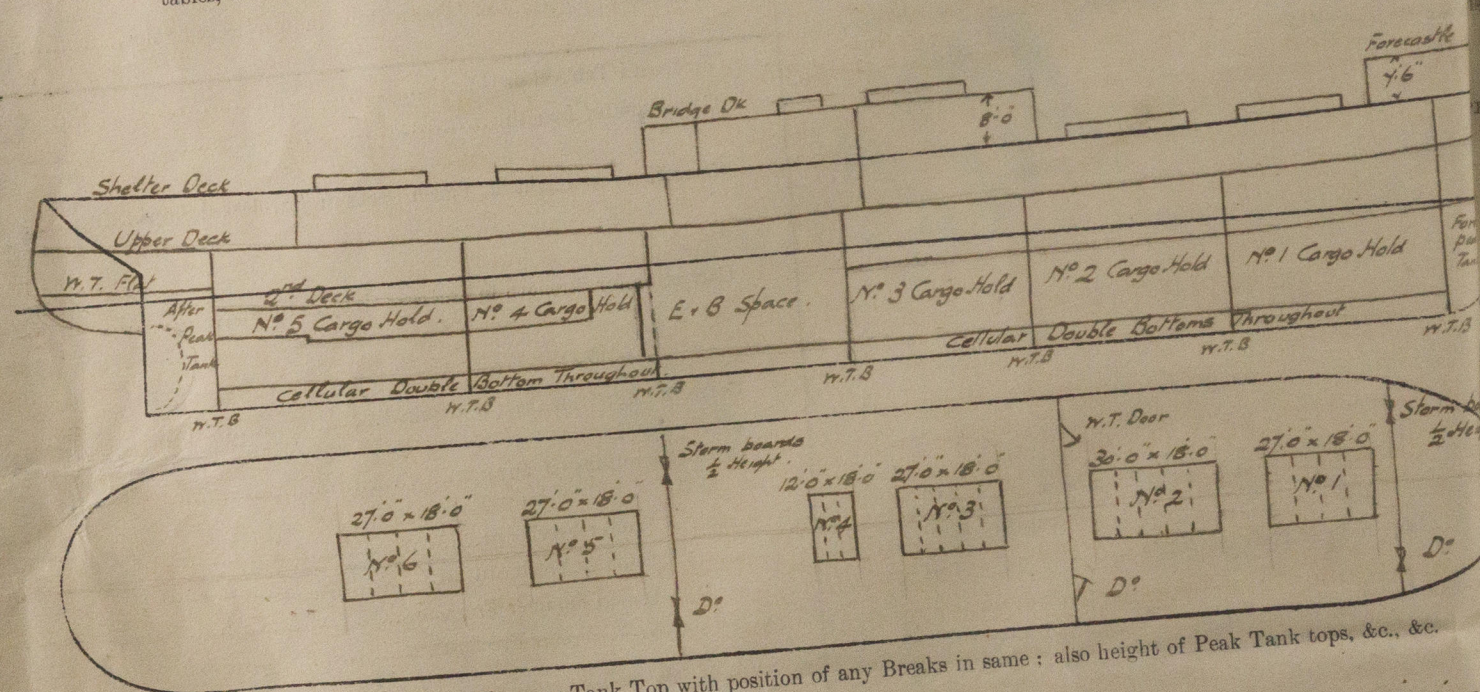
Foundation

Do all the Frames extend to the top Height in the *Shelter* *Frames in Shelter Tween Decks* *Scarped to Main frames.* Awning deck? ☒ Forecastle? *Y/s.*
Do all the Frames extend to the top height in the Poop? ☒ Bridge House? *Nº*
To what height do the Reverse Frames extend? ☒
Has the Poop an efficient Iron Bulkhead at the fore end? ☒
Give particulars of the means for closing the openings in Bulkhead ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒
Is the Poop connected with the Bridge House? ☒ *Two steel watertight doors.*
Give particulars of the means for closing the openings in Bulkhead *40 in.* and Coaming plate? *44 in.*
What is the thickness of the Bridge Front plating? *9 x 3 1/2 x .64 b.a.* *30" average spacing.*
Give scantlings and spacing of the Stiffeners *Y/s.* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Y/s.*
Are bracket plates fitted at each end of the Stiffeners? *Y/s.*
Has the Bridge House an efficient Iron Bulkhead at the after end? *Y/s.*
How are the openings closed? *Two doors and two openings closed by boards to half height*
Is the Forecastle at least as high as the main or top-gallant rail? *Y/s.* Has the Forecastle an efficient *steel* Iron or Wood Bulk'd. at after end? *Y/s.*
Are the Engine and Boiler openings covered by a Bridge, Poop, *Y/s.*
or enclosed by a Strong Iron or Steel Deckhouse?
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 ☒ Are suitable means provided for closing all openings in them in bad weather? ☒
What is the height of the exposed Casings? *Y/s. As approved.*

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:—

Position and Size.	Nº 1 27' x 18'	Nº 2 30' x 18'	Nº 3 27' x 18'	Nº 4 12' x 18'	Nº 5 12' x 18'
Item.	Ship.	Rule.	Ship.	Rule.	Ship.
Height above top of DECK	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"
COAMING.					
Thickness	.44	.44	.44	.44	.44
Sides.....	.44	.44	.44	.44	.44
Ends.....	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.					
Number.....	Three	Four	Four	Two	Three
Section and Scantlings.....	3 x 3 x .40	3 x 3 x .40	3 x 3 x .40	As Nº 3	As Nº 3
Material.....	44 1/2 x 38	44 1/2 x 36	13 x 32	Nil	Nil
* FORE AND AFTERS.					
Number.....	Nil	Nil	Nil	Nil	Nil
Section and Scantlings.....	Nil	Nil	Nil	Nil	Nil
Material.....	Nil	Nil	Nil	Nil	Nil
HATCHES Thickness.....	3 1/2"	3"	3"	3"	3 1/2"
Remarks.....			On Bridge Ok.	Coal Hatch on Bridge Ok.	

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
(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.)



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 *Special type Standard Stramer, original*
to order of Ministry of Shipping. Now owned by Federal S.N. Coy.
Completely closed-in Shelter Deck. Collision Bulkhead to S.
and six watertight bulkheads to upper Deck. Cellular dou
throughout. Sparring fitted in holds and shelter tween decks.
fitted on tank top under hatchso in N.º 1, 2, 3 & 4 holds only.
Load displacement about 19488 tons. Tons per inch 60.20
Builders Messrs Sir Raylton Dixon & Co. Ltd
Owners

Address *Middlebrough*
Fee £ *8 : 8 : 0* Received by me