

Lloyd's Register of Shipping.

 Index No. **35310**
 (For London Office only).

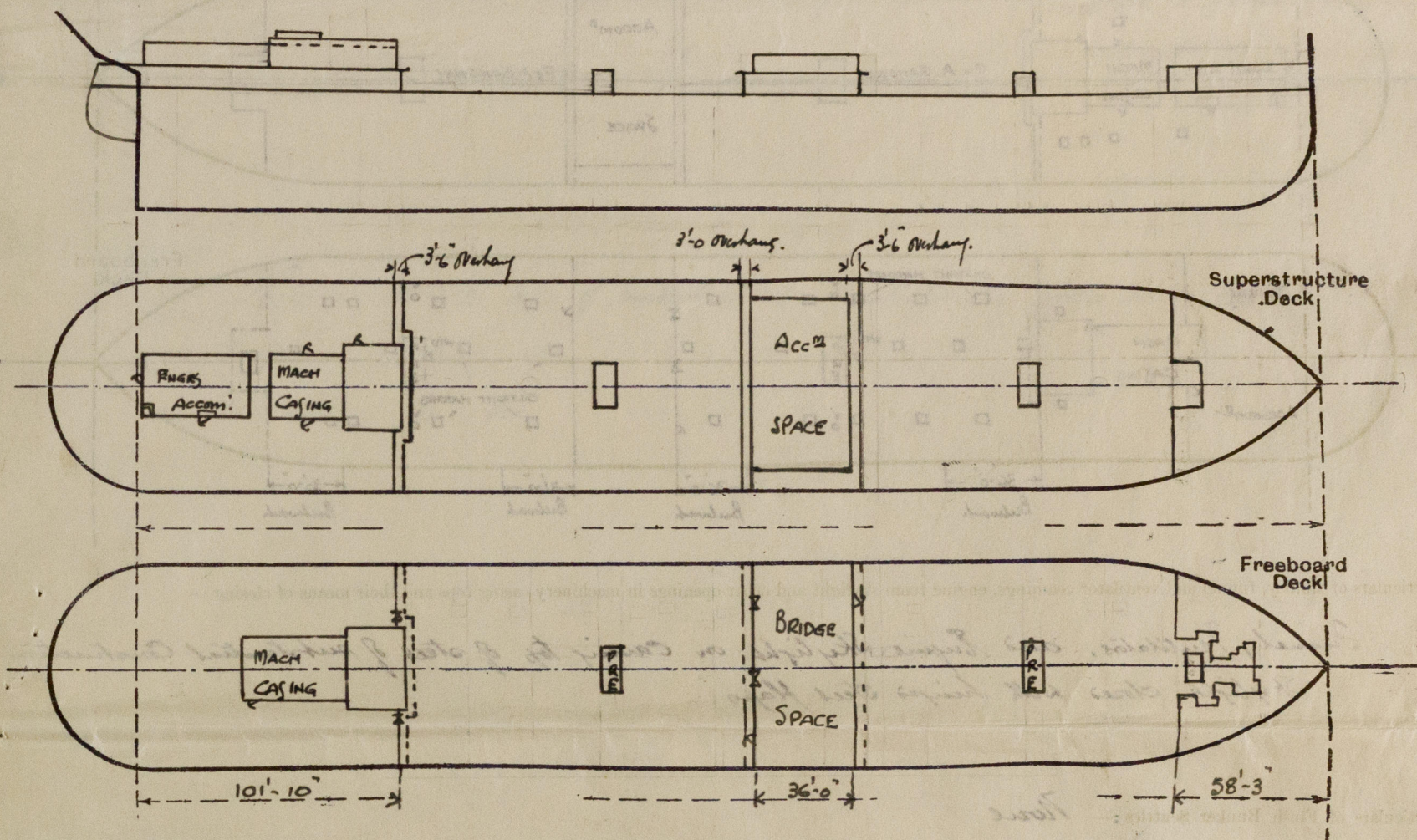
SURVEYS FOR FREEBOARD.

JUN 24 1937

(CONDITIONS OF ASSIGNMENT)

GLASGOW REPORT No. **58549**Ship's Name **BOARDALE**Port of Survey **Glasgow**Official Number **165489**Surveyor's Signature **Norman Dobson**Nationality and Port of Registry **British, London**Date of Survey **June 1937**

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

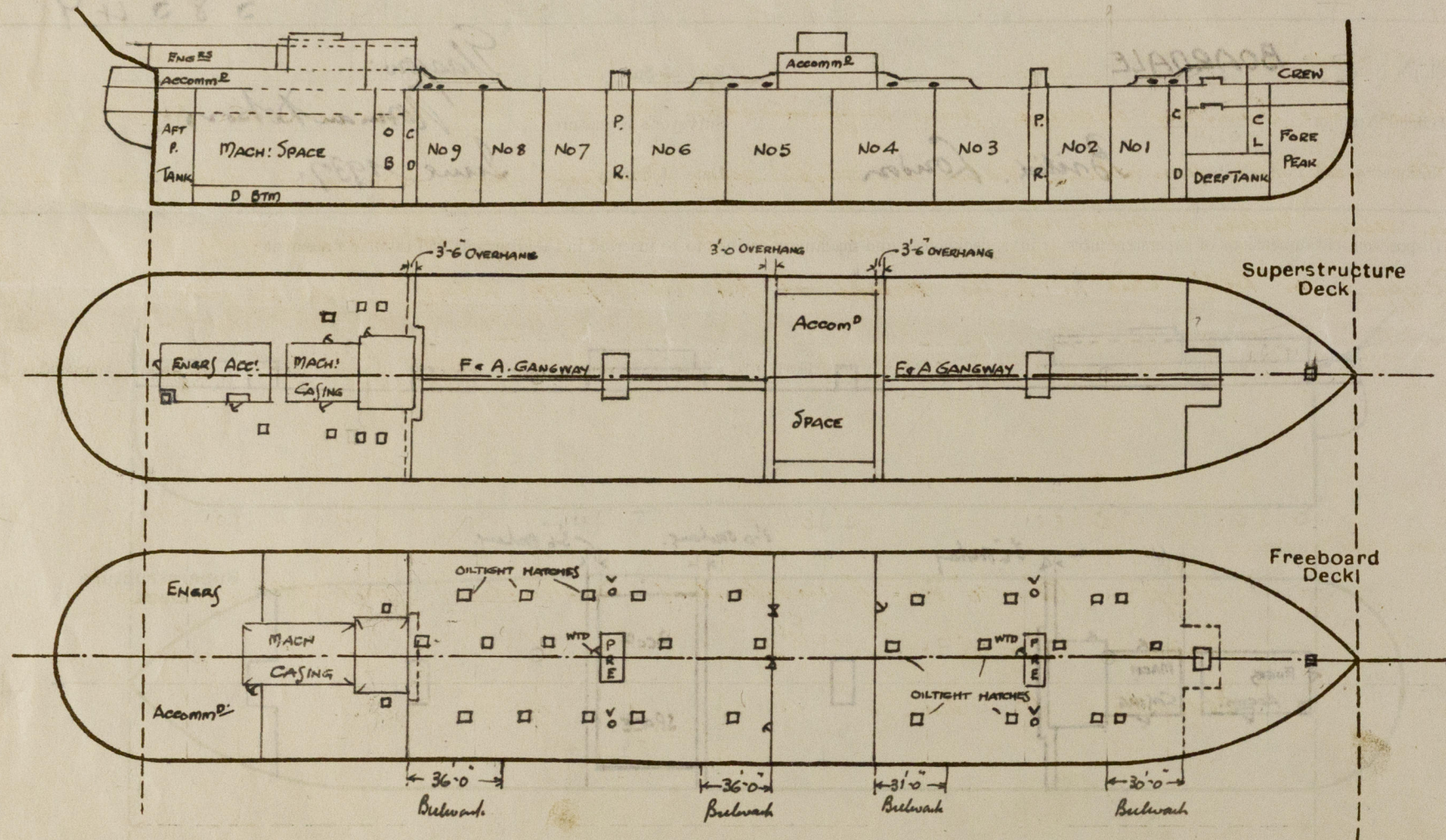
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.44	.44	6 x 3 x .30 J 10 x 3 1/2 x .46 J	27 1/2 30	Bolt top, lug at bottom Lugged	4'-1" x 3'-1"	19"	8'-0"
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead ...	.32 - .30	.32 - .30	4 x 3 x .36 - .30 L	33" - 27"	None	5'-0" x 3'-0" 5'-1" x 4'-1" 4'-1" x 3'-1"	18" 19"	8'-0"
Bridge, Forward Bulkhead ...	.44	.44	9 x 3 x .46 - .42 J	30" - 28"	Lugged	5'-0" x 3'-0" 4'-3" x 2'-3"	18"	8'-0"
Forecastle Bulkhead ...	.30	.30	4 x 3 x .34 L	3 1/2"	None	5'-3" x 2'-1"	18"	8'-0"
Trunk, Aft <i>Pump Room Entrance</i>	.40	.40	6 x 3 x .38 .34	34" - 27"	Bolt top lug at bottom	4'-3" x 3'-0"	18"	6'-6"
Trunk, Forward <i>Do</i>	.40	.40	Do	Do	Do		18"	6'-6"
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	.30	.30	3 x 3 x .30	30"	Bolt at top	5'-3" x 2'-3" 5'-0" x 2'-1"	15" 18"	8'-0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.30	.26				5'-6" x 2'-6"	12"	8'-0"
Deckhouses on Flush Deck Ships ...								

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	3" wood shifting boards fitted in channels riveted to bulkhead & bolted plate. <i>Bolts not passing thro' bulkhead</i>
Raised Quarter Deck Bulkhead ...	10" J. Steel door Capable of manipulation from both sides
Bridge, After Bulkhead ...	3" wood shifting boards fitted in channels riveted to bulkhead & bolted plate. <i>1 Steel door 4" J.</i>
Bridge, Forward Bulkhead ...	10" J. Steel door Capable of manipulation from both sides. <i>Bolts not passing thro' bulkhead</i>
Forecastle Bulkhead <i>Do Pump Room</i>	Five steel doors and 12 wood doors Capable of manipulation from both sides
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	10" J. Steel door Capable of manipulation from both sides
Exposed Machinery Casings on Superstructure Decks ...	Steel doors
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	Do
Deckhouses on Flush Deck Ships ...	✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:-



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:-

Funnel, Ventilators, and Engine Skylight on casing top of steel of substantial construction
Skylight closed with hinged steel flaps ✓

Particulars of Flush Bunker Scuttles:- None ✓

3 Watertight manholes to each scupper. Coaming 10" channels with bolted steel covers ✓

Particulars of Companionways:-

Poop deck house plating 26 Coaming 18" with wood door on starboard side 5'-2" x 2'-2"
+ 1 steel h.t. door at after end 5'-0" x 2'-3" both capable of manipulation from both sides ✓

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:-

On Upper Dk aft 2 @ 20" dia Coaming 36" x 140 To Pump Room ✓
3rd 2 @ 20" 30" x 30" Store etc ✓
On Poop Deck 5 @ 6" 30" x 30" Store etc ✓
3 @ 8" 30" x 30" Store etc ✓
4 @ 12" 30" x 30" Store etc ✓
* 2 @ 13" 30" x 30" Store etc ✓
4 @ 16" 30" x 30" Store etc ✓
On Bridge Dk 1 @ 6" 30" x 30" To Hospital bath etc ✓
Forecastle Dk 1 @ 6" 30" x 30" To Store etc ✓
1 @ 9" 30" x 30" To Pump Room ✓
1 @ 12" 30" x 30" Store etc ✓
2 @ 18" 30" x 30" Store etc ✓
* 1 @ 19" 30" x 30" To Main Tank etc ✓

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:-

On Upper Dk 2 @ 4" dia 3'-0" in height to after scupper ✓
2 @ 4" 3'-0" in height to after scupper ✓
Poop Dk 1 @ 2 1/2" 3'-0" in height to after scupper ✓
2 @ 6" 3'-0" in height to after scupper ✓
6 @ 3" 3'-0" in height to after scupper ✓
2 @ 6" 3'-0" in height to after scupper ✓
2 @ 6" 3'-0" in height to after scupper ✓
On Fore Dk 2 @ 6" 3'-0" in height to after scupper ✓
2 @ 4" 3'-0" in height to after scupper ✓

All air pipes fitted with gauge or wood plugs and canvas covers ✓

A 4" air pipe from each oil cargo hatch led to 6" main which is carried up fore main mast to 10'-0" above main hatch light ✓

Boardale.

Particulars of Gangway Cargo and Coaling Ports:-

None ✓

Particulars of Scuppers and Sanitary Discharge Pipes:-

Wash and Sanitary discharges from accommodation spaces in Poop, Bridge house and Forecastle space fitted with Y.M. non return valves on ships side. Scuppers from Poop space fitted with Y.M. non return valves on ships side and non detachable screw plugs at inboard end. Scuppers in wells cut in hulls except at fore end of poop where 3" pipes are fitted ✓

Particulars of Side Scuttles:-

Poop - 12" x 10" dia of substantial construction fitted with deadlight ✓
Bridge - 12" x 10" ✓
Forecastle 10" dia ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel

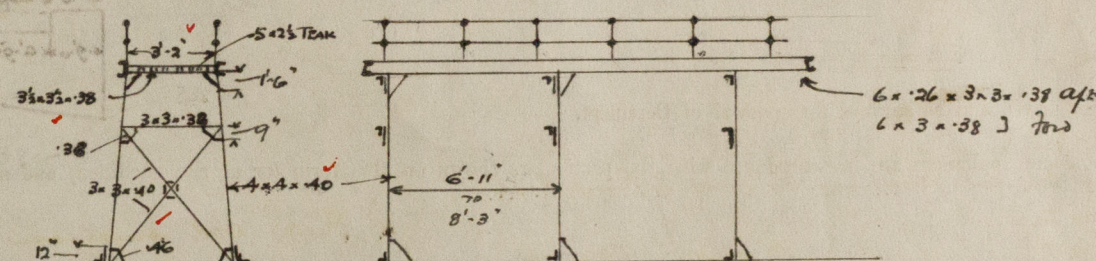
39'-02" ✓

Particulars of Guard Rails:-

On Upper Dk where fitted stanchions about 4'-0" apart with 3 rails 4'-0" in height ✓
Poop & Fore 3'-6" ✓
Bridge Steel bulwarks 3'-6" in height ✓

Particulars of Gangways, Lifelines, etc:-

Gangway from poop & Bridge ✓
+ Bridge to Fore ✓



Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	36'-0" + 36'-0"	4'-0"	1 @ 18" x 9" 2 @ 18" x 9" 1 @ 18" x 9"	5	11.2 sq	open rails for half length of wells.
Forward Well	31'-0" + 30'-0"	4'-0"	1 @ 18" x 9" 3 @ 18" x 9"	4	10.8 sq	

State position of each freeing port ... (After Well:- Long of Poop - 1'-6", 4'-0", 19'-11" aft of Bridge 3'-11" x 18'-6" 12 1/2" above deck (F. and A. position and height above deck edge) Forward Well:- Bridge - 3'-10" - 19'-3" aft of Fore 11'-0" x 16'-6"

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:- None ✓

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		One Hatch on Upper Dk.	OT Hatch on Upper Dk.	Small hatches on Poop Deck				on 2nd Dk	WT
Dimensions of Hatchway		6'9" x 10'0"	27'0" x 6'0"	2'0" x 3'0"	1'2" x 2'9"	4'3" x 3'0"	1'2" x 2'9"	1'2" x 2'0"	
COAMINGS	Height above Deck	30 1/2	12 x 3 1/2	18"	18"	18"	18"	20"	
	Thickness	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
	Stiffeners	7 x 3 x 3/8	BA	✓	✓	✓	✓	✓	
	Brackets, Stays	BA round top		✓	✓	✓	✓	✓	
HATCH BEAMS	Number								
	Spacing								
FORE AND AFTERS	Number								
	Spacing								
HATCH COVERS	Material	Steel	Steel	Steel	Steel	Wood	Wood	Steel	
	Thickness	3/8"	1/4"	1/4"	1/4"	3"	3"	1/4"	
Spacing of Cleats	Number	Patent cleats	Joggles	18"	16"	24"	18"-21"		
	Number of Tarpaulins	3'0" apart	16 to 16	✓	✓	Two	Two	✓	

*Are wood fore and afters steel shod at all bearing surfaces? ☒ Yes

Are battens and wedges efficient and in good condition? ☒ Yes

Are tarpaulins in good condition and in accordance with rule requirements? ☒ Yes

Are lashings provided in accordance with rule requirements? ☒ Yes

Particulars of any special features:—

External displacement at 27'-0" draft 17009 tons Tons per inch = 58.50
 do do 28'-0" 17713 " " " = 58.84 ✓

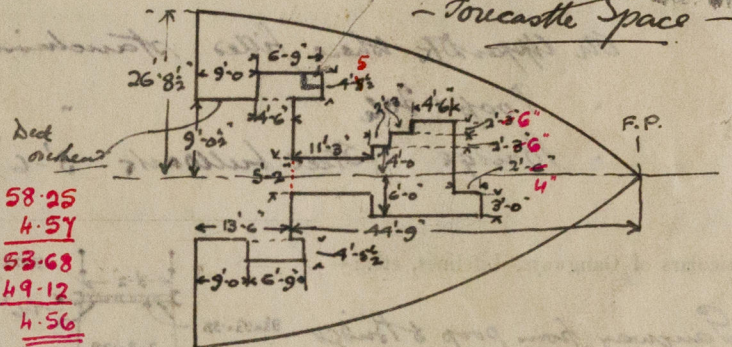
Forecastle

13.50 x 18.08 = 244.1
 2 x 6.75 x 4.46 = 60.2
 11.25 x 5.14 = 58.1
 9.00 x 6.00 = 54.0
 2.33 x 3.00 = 7.0
 9.00 x 4.00 = 36.0
 6.75 x 2.50 = 16.9
 4.50 x 2.50 = 11.2

487.5 ÷ 53.42 = 9.13

44.75
 13.50
 58.25
 9.13
 49.12

Recess in deck = 13.50 x 18.08 = 58.25
 53.42 4.57



Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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