

JUL 21 1939

Index No. 36060.  
(For London Office only).

# Lloyd's Register of Shipping.

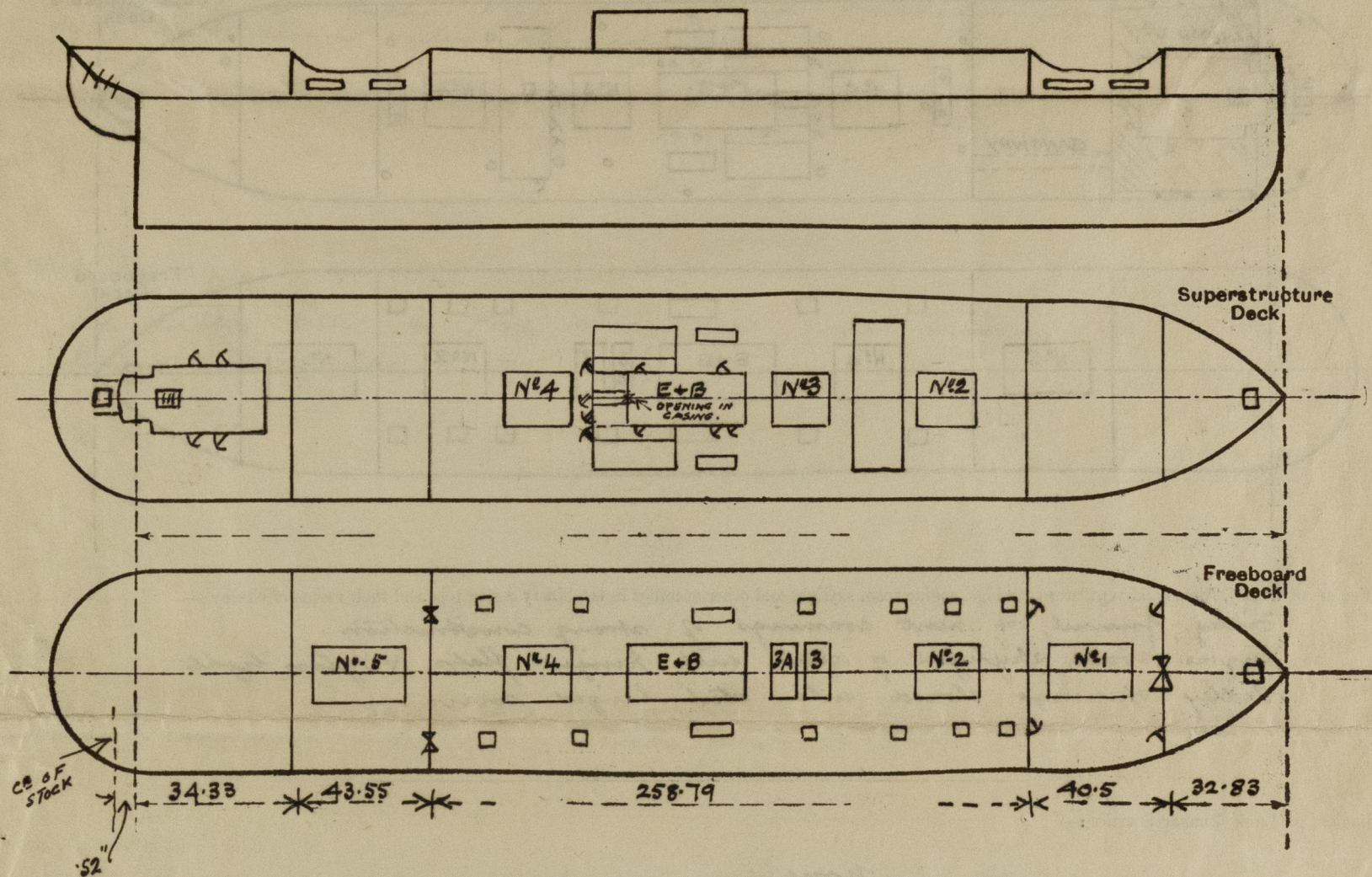
## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

No: 17960

Ship's Name "ATLANTIC" LAIRD & CO Port of Survey West Hartlepool.  
 Official Number not received yet 167 069. Surveyor's Signature W. J. Craig  
 Nationality and Port of Registry BRITISH HULL Date of Survey Whilst Building July 1939.

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 ... ..	✓	.38	5½ x 3 x .347	30"	lugged	none	✓	✓
Raised Quarter Deck Bulkhead ...				✓				
Bridge, After Bulkhead ... ..		.30	4 x 3 x .32 L	30"	none	2 at 5'1" x 3'1"	19"	✓
Bridge, Forward Bulkhead ... ..		.44	9 x 3½ x .447	30"	lugged	2 at 4'6" x 3'4"	18"	✓
Forecastle Bulkhead ... ..		.30	4 x 3 x .32 L	30"	none	1 at 5'1" x 4'1" 2 at 4'6" x 2'0"	19"	✓
Trunk, Aft ... ..				✓				
Trunk, Forward ... ..				✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...				✓				
Exposed Machinery Casings on Superstructure Decks ... ..	.34	.30	3 x 2½ x .30	30" + 27½"	none	3 at 5'0" x 2'0"	19"	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	.30	.26	3 x 2½ x .30	27½"	none	none	✓	
Deckhouses on Flush Deck Ships ...				✓				

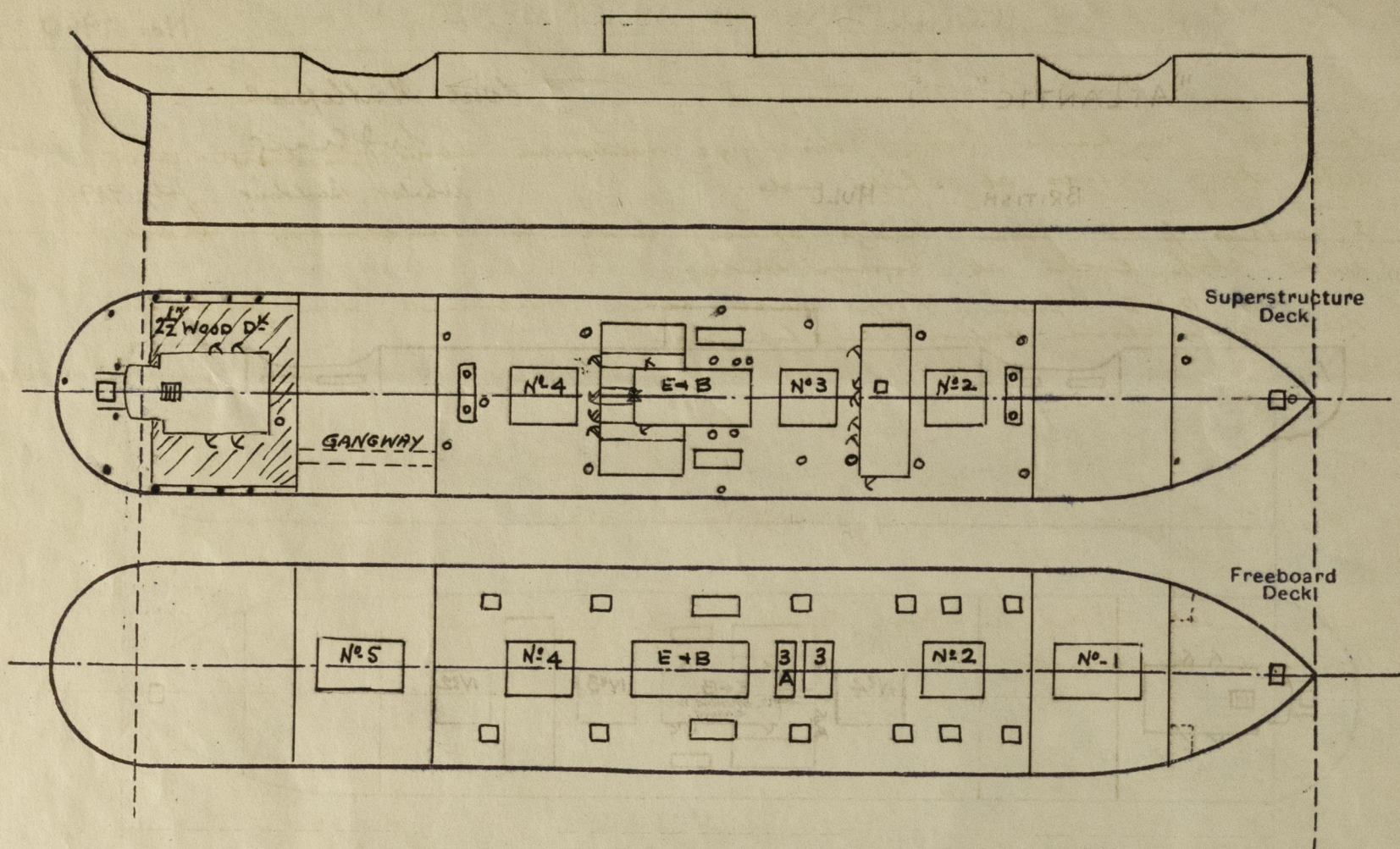
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ... ..	none
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ... ..	3" stormboards full height in riveted channels ✓ (shown attached to port plain transverse bulkhead)
Bridge, Forward Bulkhead ... ..	2 steel hinged W.T. doors operated from both sides ✓
Forecastle Bulkhead ... ..	3¼" stormboards full height in riveted channels ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	2 steel hinged doors operated from both sides ✓
Exposed Machinery Casings on Superstructure Decks ... ..	steel hinged doors operated from both sides ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	none
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:—

Fiddle, funnel, & vent coamings of strong construction.  
Engine room skylight of steel with hinged flaps & glass lights.  
Fiddle openings closed with steel hinged covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—  
Strongly constructed steel house on Bridge deck (Salon house) giving access to Deck and Stairs.  
Steel house of strong construction on Poop deck giving access to crew accom. in Poop space.  
4-1 1/2" hardwood doors 5'0" x 2'0" with coamings 18" high (doors operate both sides).  
Steel house of strong construction on Bridge deck giving access along alleyways to downgoing engine casing.  
2-1 1/2" x 2-3" hardwood doors at aft end of house with sills 18" high (doors operate from both sides).

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

Forecastle Deck (To below 1st deck).

1-6" dia vent coaming 36" x 30"  
1-18" " " 36" x 40"

Bridge deck (To below 1st deck)

2-6" dia vent coaming 36" x 34" supported.  
1-18" dia " " 11-8" x 40"  
2-4" " " 2-6" x 30"  
2-18" " " 2-6" x 40"  
1-18" " " 8-3" x 40" supported  
1-12" " " 7-0" x 34"

4-18" " " " 16" x 40"  
2-4 1/2" " " " 8" high

Poop deck (To below 1st deck)

1-15" vent coaming 30" x 36"  
1-3" " " 18" high

Bridge deck (To Bridge space)

1-15" dia vent coaming 8-3" x 36" supported  
6-15" " " 36" x 36"

Poop deck (To Poop space)

2-6" dia S.O. mushroom vents coaming 7" high  
10-6" dia gooseneck vents 9 1/2" high to mouth above steel deck in gutterway.  
Side deck (To Fcl space)  
2-6" dia gooseneck vents 9 1/2" high to mouth above steel deck.  
All vents fitted with closing appliances.

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

Forecastle deck:— 2 air pipes 18" to mouth

Bridge deck:— 7 " " 18" " "

Poop deck:— 2 " " 18" " "

Air pipes fitted with closing appliances.

Particulars of Gangway Cargo and Coaling Ports:—

Atlantic.

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharge pipes discharge overboard above freeboard deck with storm valves at ship's side.

2 scupper p+ s from bridge space lead to machinery space with stop cocks at lower ends.

1 scupper p+ s from Poop space lead overboard above freeboard deck with storm valves at ship's side.

Particulars of Side Scuttles:—

Side scuttles fitted in Poop space and have strong hinged deadlights.

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

Above freeboard deck.

Particulars of Guard Rails:—

Poop, Bridge & Forecastle 3-6" high with 3 rods + stanchions spaced 4 to 5 ft apart.

Wells steel bulwarks with 6" B.A. stays 5-6 ft apart + rail bar of 6" B.A.

Particulars of Gangways, Lifelines, etc.:—

Gangway fitted starboard side between Bridge & Poop decks. 3-0" high stanchions 5 ft to 6 ft apart with 2 wire ropes.

Life line each side in forward well.

## 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 ...	43.55'	4-0"	10-4 x 7 11-4 x 7	1 1	15.26	10.85
Forward Well ...	40.50	4-0"	12-0 x 7 10-5 x 7	1 1	15.75	10.55

State position of each freeing port ... After Well:— 4-6" + 28 ft from bridge end bulkhead 7" above dl.  
(F. and A. position and height above deck edge) Forward Well:— 6-0" + 23-9" " " front " 7" " "

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— No bars or shutters

Additional area where sheer is less than standard.



### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
← FREEBOARD DECK → ← SUPERSTRUCTURE D <sup>1</sup> ←										
Description of Hatchway		N <sup>o</sup> 1	N <sup>o</sup> 2	N <sup>o</sup> 3	N <sup>o</sup> 3A	N <sup>o</sup> 4	N <sup>o</sup> 5	N <sup>o</sup> 2	N <sup>o</sup> 3	N <sup>o</sup> 4
Dimensions of Hatchway		31'-6" x 22	32'-1" x 22	16'-0 1/2" x 22	10'-0" x 22'	34'-4 1/2" x 22	34'-4 1/2" x 22	32'-1" x 22	29'-9 1/2" x 22	34'-4 1/2" x 22
COAMINGS	Height above Deck	36"	9" BA	9" BA	9" BA	15"	36"	31"	31"	31"
	Thickness	.44	.60	.40	.40	.60	.44	.44	.44	.44
	Sides	.44	.40	.40	.40	.48	.44	.44	.44	.44
	Ends	.44	.40	.40	.40	.48	.44	.44	.44	.44
Stiffeners		B.R. 7 x 3 x 40	✓	✓	✓	11 x 3 1/2 x 58	9 x 3 1/2 x 58	7 x 3 x 40	7 x 3 x 40	7 x 3 x 48
Brackets, Stays		0...	✓	✓	✓	5 Brkts	3	2	2	3
HATCH BEAMS	Number	Five	Five	Two	one	Five	Five	Five	Five	Five
	Spacing	equal	equal	equal	equal	equal	equal	equal	equal	equal
	Scantling and Sketch	20 x .37	20 x .37	20 x .37	19 x .36	21 x .38	21 x .38	15 1/2 x .34	15 1/2 x .34	16 x .36
		5 x 3 x .43	5 x 3 x .43	5 x 3 x .43	5 x 3 x .43	5 x 3 x .43	5 x 3 x .43	5 x 3 x .43	5 x 3 x .43	5 x 3 x .43
	Bearing Surface	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
FORE AND AFTERS	Number	NONE								
	Spacing									
	Unsupported Lengths									
	Scantling* and Sketch									
Bearing Surface										
HATCH COVERS	Material	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.
	Thickness	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
	How fitted	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"
Spacing of Cleats		24"	24"	24"	24"	24"	24"	24"	24"	24"
Number of Tarpaulins		2	1	1	1	1	2	2	2	2

\*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

*Locking bars fitted to forward hatchway in forward cell. at GMS. 29/11/41.*

**NOTE** A number of additional tarpaulins beyond rule requirements have been supplied.

### SMALL HATCHWAYS

~~Particulars of any special features :—~~

BRIDGE D" :- 1 Bunker hatch P+S 18'4" x 5'0"  
31" x 44 coamings, 7 x 3 x 40 7  
stiff on sides. Vertical  
stiff fitted in line of bolts  
decks spaced 24"  
2 1/2" w.p. cross, 2 1/2" rest bars.  
2 tanboulins.

Forecastle Deck:- Hatch to forecastle 4'-0" x 3'-0"  
24" x 44 coaming, cleats 24".  
2 1/2" W.P. cover. 2 1/2" rest bars  
2 tarpaulins.

Poop Sh : - Hatch to cruise skin 2'-6" x 2'-0"  
18 x .24 counting, cleats 18".  
2 1/2" W.P. cover - 2 1/2" rest bars  
2 *forfeurinus*.

## SMALL HATCHWAYS

$$F\theta^D - D^K :-$$

1 Bunker hatch p+s. 25'-2 1/2" x 5'-0"  
9" B.A. Coaming, chote 24" apart  
2 1/2" W.P. Covers. 3" rest bars  
1 Tanpaulin.

12 TRIMMING HATCHES 2'-0" x 2'-0"  
9" B.A. coaming. Hinged wood  
cores secured by wing nuts  
& bolts.

1 Hatch under Fcl to Fore peak  
4'-0" x 3'-0" 9" B/A coaming.  
cleat 2.4" 3" rest bars.  
2 1/2" W.P. covers 1 tarpaulin

Coring Trip  
Coal hatch 5'-0" x 16'-0"  
8" B.A. Coaming. Cleats 24".  
2 1/2" Nat. bars. 2 1/2" W.P. Crows  
2 tarpaulins.

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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