

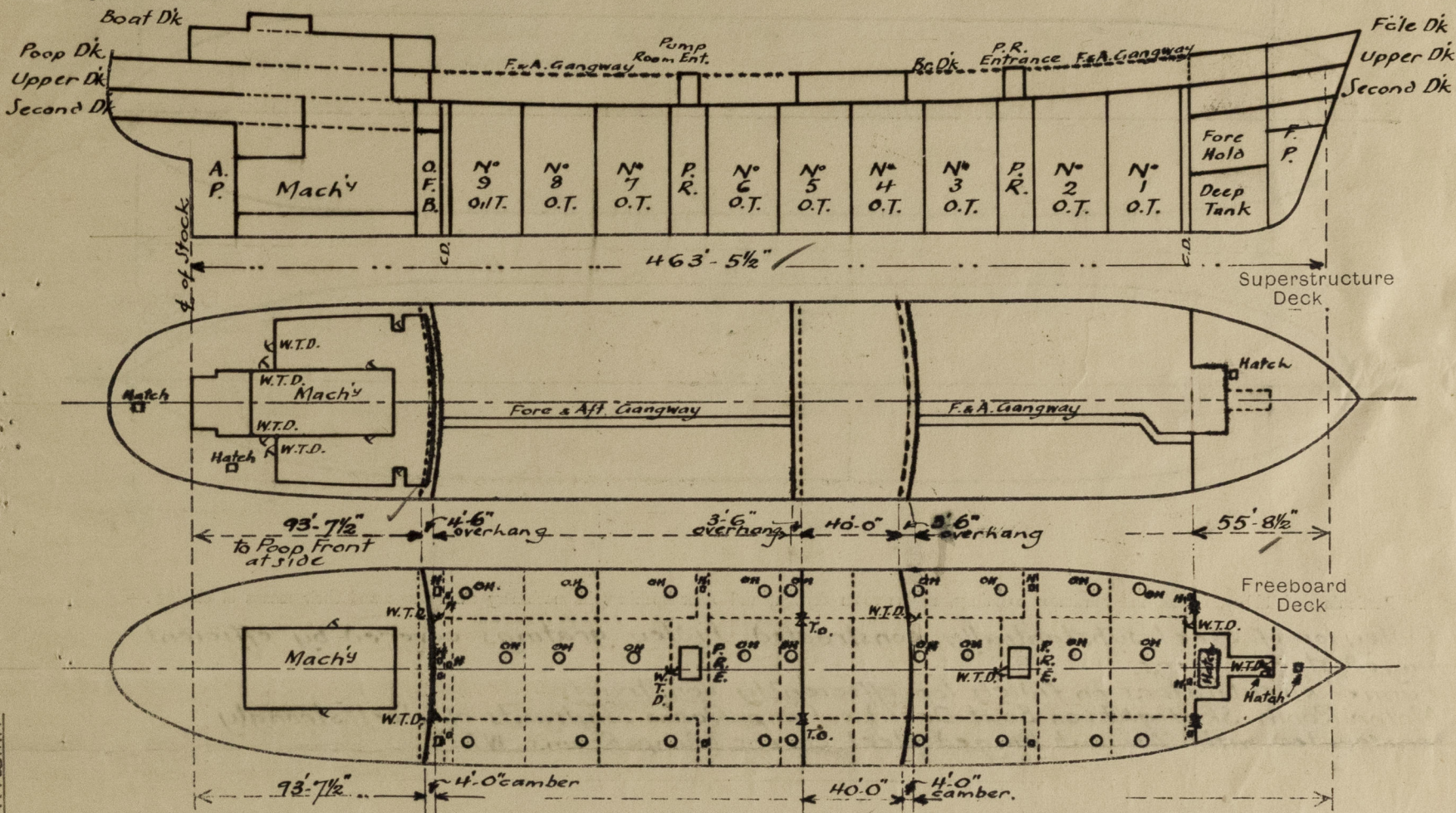


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Index No. 41941
(For London Office only.)

Ship's Name "BRITISH ARDOUR" Port of Survey NEWCASTLE-on-TYNE
Official Number 183137 Surveyor's Signature W. Robinson
Nationality and Port of Registry British, London. Date of Survey During Construction.

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.

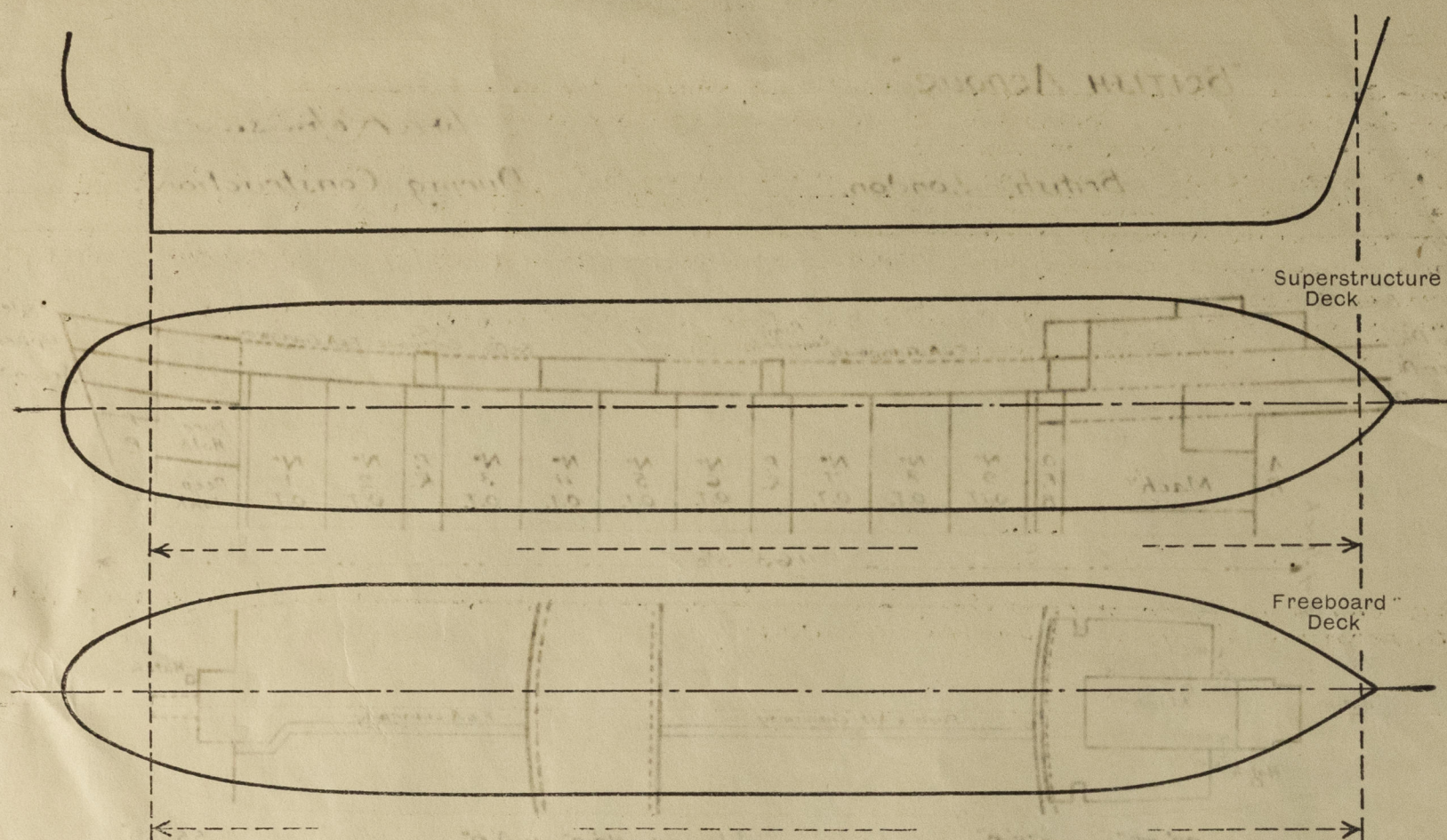
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ... ..	.444	.444	10 x 3 1/2 x 40 BA.	30" x 31"	lugs top & bottom	2 @ 5'0" x 30"	18"	8'0"
Raised Quarter Deck Bulkhead ...	none							
Bridge, After Bulkhead ... ..	.30	.30	4 x 3 x .32	30"	EW top & bottom	2 @ 4'1" x 37"	19"	8'0"
Bridge, Forward Bulkhead ... ..	.444	.444	10 x 3 1/2 x 40 BA	30" & 33"	lugs top & bottom	1 @ 5'0" x 36"	18"	8'0"
Forecastle Bulkhead	-	.31 & .30	4 x 3 x .32 3 1/2 x 3 x .32	24 27	none except where riveted to beams	2 @ 4'3" x 27" 2 @ 4'1" x 37"	19"	8'0"
Trunk, Aft	none							
Trunk, Forward	none							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	none							
Exposed Machinery Casings on Superstructure Decks <u>Boiler Room.</u>	.34	.30	3 1/2 x 3 x .32	30"	Brackets at top	2 @ 4'3" x 27"	18"	to 4'6" above Boat Dk
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	none							
<u>Pump Rooms, fore & aft.</u> <u>Deckhouses on Flush Deck Ships</u>	-	.38	f.e. 5 x 3 x .32 B.A. a/f.e. 6 x 3 x 30 OA. sides	28" 27"	Bkts at bottom Bkts/lugs/EW-top	each Room - 4'3" x 27"	24"	7'6"

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

Poop Bulkhead	Hinged steel W.T. door (p.s.s.) operated from both sides.
Raised Quarter Deck Bulkhead ...	none
Bridge, After Bulkhead	Opening (p.s.s.) closed by <u>portable steel plate secured by hook bolts.</u> <i>sternboards in welded channels.</i>
Bridge, Forward Bulkhead	Hinged steel W.T. door (p.s.) operated from both sides.
Forecastle Bulkhead	2 hinged steel W.T. doors (Pump Room & Chain Locker) operated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Opening (p.s.s.) closed by <u>portable steel plate secured by hook bolts.</u> <i>sternboards in welded channels.</i>
Exposed Machinery Casings on Superstructure Decks	Hinged steel W.T. door (p.s.s.) operated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	none
<u>Pump Rooms, fore & aft.</u> <u>Deckhouses on Flush Deck Ships</u>	Hinged steel W.T. door in each operated from both sides.

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 filley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Fidley top of steel substantially constructed. Fidley gratings covered by efficient hinged steel covers.
Funnel & ventilators on fidley top efficiently constructed.
Motor Room Skylight (on Boat Deck) & Pump Room Skylights of steel strongly constructed with efficient hinged steel covers (Pump Rooms - W.T.)

Particulars of Flush Bunker Scuttles:— None.

Particulars of Companionways:— Poop Deckhouse enclosing ladderways to Poop tween decks (p.s.) of steel strongly constructed; hinged steel W.T. doors 4'3" x 27" with 15" sills (p.s.) at after end & strong wood doors in deckhouse sides 5'0" x 30" with 18" sills (p.s.). Doors operated from both sides.
For Main & Fore Pump Room entrances see "Superstructures"

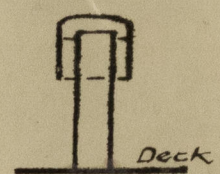
Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Upper Deck - 4 off 24" diam x 40" with 13'6" coamings suitably stayed.
Fore Deck - 1 off 8" diam x 30" " 36" " F.P. Store
3 " 8" " " 36" " Fore Tween.
2 " 12" " " 34" " 36" " Upper
1 " 12" " " 34" " 36" " Fwd Pump R.
2 " 12" " " 34" " 36" " Fore Hold
Poop Dk - 3 off 6" diam x 30" with 30" coaming St. Gear & Paint.
1 " 6" " 30" " 30" " After Store
1 " 6" " 30" " 30" " Tween Dk
1 " 11" " 32" " 27" " Refrig.
8 " 6" x 4 G.N. 33" to mouth Accom.
Boat Deck - 1 off 9" diam x 25" with 18" coaming
1 " 12" " " 25" " 18" "
4 " 20" " " 25" " 18" "
2 " 8" x 4 G.N. 18" to mouth
2 " 6" x 4 G.N. 18" to "
Casing Top - 1 off 6" diam x 25" with 9" coaming.
Wood plugs & canvas covers supplied for all vents with portable covers & canvas covers only supplied where tops permanent.

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

Fore Deck - 2 off 6" diam x 30" high (F. Peak)
2 " 4" " 30" " (Fwd D. Tank)
Upper Dk - 2 off 4" diam x 10'6" high stayed to Fore Front (Fwd C.D.)
2 off 4" " 10'6" " stayed to Poop Front (Aft C.D.)
2 off 4" " 10'6" high (Settling Tank) stayed to P. Front
Poop Dk - 2 " 4" " 30" " (Cross Br.)
2 " 4" " 30" " (D.B. OF Tank)
2 " 4" " 30" " (D.B. CO.)
2 " 4" " 30" " (E.R. D.B. Tank)
2 " 3" " 30" " (")
2 " 6" " 30" " (A. Peak)
2 " 3" " 30" " (Tween Dk Tanks)
1 " 2" " 30" " (Rudder Trunk).

Air pipes fitted with automatic hoods



Particulars of Gangway Cargo and Coaling Ports:—

None.

British Andover

Particulars of Scuppers and Sanitary Discharge Pipes:—

Upper Deck - 11 - 6'2" oval scuppers (p.s.) cut thro' gunwale bar on exposed deck
Fore & Aft tween decks - drained by 2 1/2" scupper (p.s.) discharging overboard above 2nd deck forward with storm valve at shipside.
Bridge tween decks - drained by 2" scupper (p.s.) through bridge end & fitted with screw plug.
Poop tween decks drained by 1" scupper (p.s.) thro' poop front & fitted with screw plug & by 2" & 2 1/2" scuppers (p.s.) discharging overboard above 2nd deck & L.W.L. & fitted with storm valves at shipside.
Sanitary discharges from Bridge deckhouses led overboard (p.s.) above freeboard deck & fitted with storm valves at outer ends
Sanitary discharges from Poop deckhouse & Poop tween decks (p.s.) led overboard above 2nd deck & L.W.L. & fitted with storm valves at outer ends.

Particulars of Side Scuttles:—

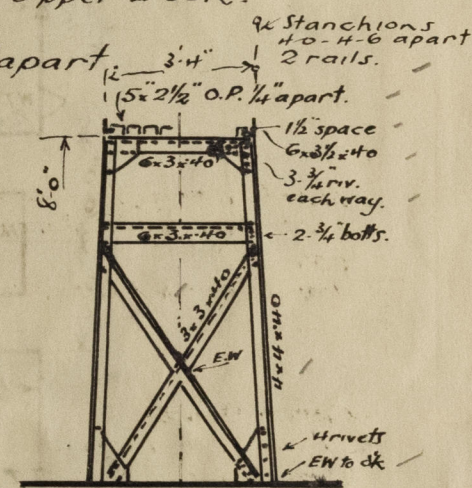
10'8 1/2" diam. side lights in Poop, Bridge & Fore & Aft spaces of substantial construction & fitted with permanent strongly constructed deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel:— None below Upper Deck.

Particulars of Guard Rails:— Open rails fitted for about half length of exposed part of Upper Deck.

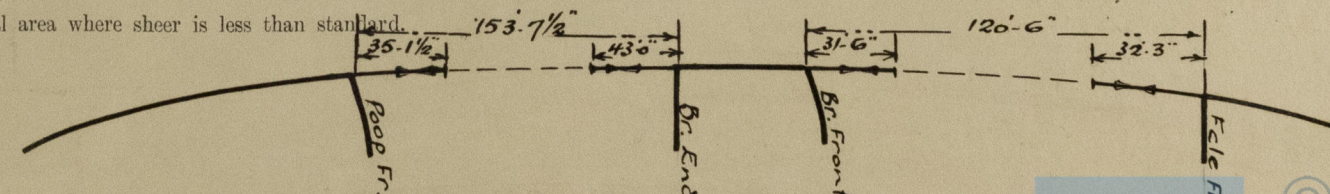
Upper Deck rails 3'11" high (3 rods), stanchions 4'0" to 4'6" apart.
Poop, Bridge End & Fore rails 3'7" high (3 rods), stanchions 4'0" to 4'6" apart.
Bridge Sides - 25 steel bulkhead with 3' x 3' x 30 rail & suitably stiffened

Particulars of Gangways, Lifelines, etc.:— Fore & after gangway (as sketch), poop to bridge & bridge & fore & aft. Vertical supports 7' to 8' apart, cross tied every third, brackets top & bottom & intersection & necessary expansion joints.



Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Fore of Poop Front	35-1 1/2	4'0"	1 at 14'8" x 9"	1	23.64 sq ft	50%
After Well	43-0	4'0"	1 " 17'0" x 9"	1	18.14 sq ft	open rails.
Fore of Bridge Fr.	31-6	4'0"	1 " 10'8" x 9"	1		
Aft of Fore Fr.	32-3	4'0"	1 " 13'8" x 9"	1		
State position of each freeing port ...						
(F. and A. position and height above deck edge)						
After Well:— 16'9" fore of Poop Front & 17'3" aft of Bridge End.						
Forward Well:— 17'3" " " Bridge Front & 11'3" " " Fore Front.						
Ports 12" above deck.						
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.											
Freeboard Dk						Superstructure Decks					
Description of Hatchway	...	...	Hatch to Fore Hold Tween Dks	Hatch to Fore Hold	Cargo Oil Hatch 2' off	Oil Fuel Bunkers 2' off	Collar Room 12' off	Hatch to F. Peak	Hatch to F. Sp.	Hatch to Poop Sp.	Hatch to Poop Sp. Aft.
Dimensions of Hatchway	...	...	2'6" x 2'4"	6'9" x 10'0"	4'1" diam	3'0" x 3'6"	2'0" x 1'9"	3'0" x 3'6"	2'3" x 2'1"	2'9" x 3'3"	2'6" x 3'0"
COAMINGS	Height above Deck	...	9"	30"	12"	30"	12"	9"	12"	15"	30"
	Thickness	{ Sides	.40	.44	.75	.40	.50	.40	.50	.38	.38
		{ Ends	.40	.44		.40	.50	.40	.50	.38	.38
	Stiffeners	...	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Brackets, Stays	...	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	...									
	Spacing	...									
	Scantling and Sketch	...									
FORE AND AFTERS	Bearing Surface	...									
	Number	...									
	Spacing	...									
	Unsupported Lengths	...									
HATCH COVERS	Scantling* and Sketch	...									
	Bearing Surface	...									
	Material	...	steel	steel	steel	steel	steel	steel	steel	steel	steel
	Thickness	...	.40	.50	.40 with 3 1/2 x 3/4 vert flat stiffeners	.50	.50	.44	.44	.38	.38
HATCH COVERS	How fitted	...	hinged	hinged	hinged	hinged	hinged	hinged	hinged	hinged	hinged
	Bearing Surface	...	toggles	toggles	toggles	toggles	3/4 apart toggles	toggles	toggles	toggles	steel
Spacing of Cleats	...	...	12" x 18"	13" x 17"	2	18"	✓	18"	16"	16"	18"
Number of Tarpaulins	...	...	✓	✓	✓	✓	✓	✓	✓	✓	✓
*Are wood fore and afters steel shod at all bearing surfaces? ✓ Are battens and wedges efficient and in good condition? ✓ Are tarpaulins in good condition and in accordance with rule requirements? ✓ Are lashings provided in accordance with rule requirements? ✓											

Particulars of any special features:—

