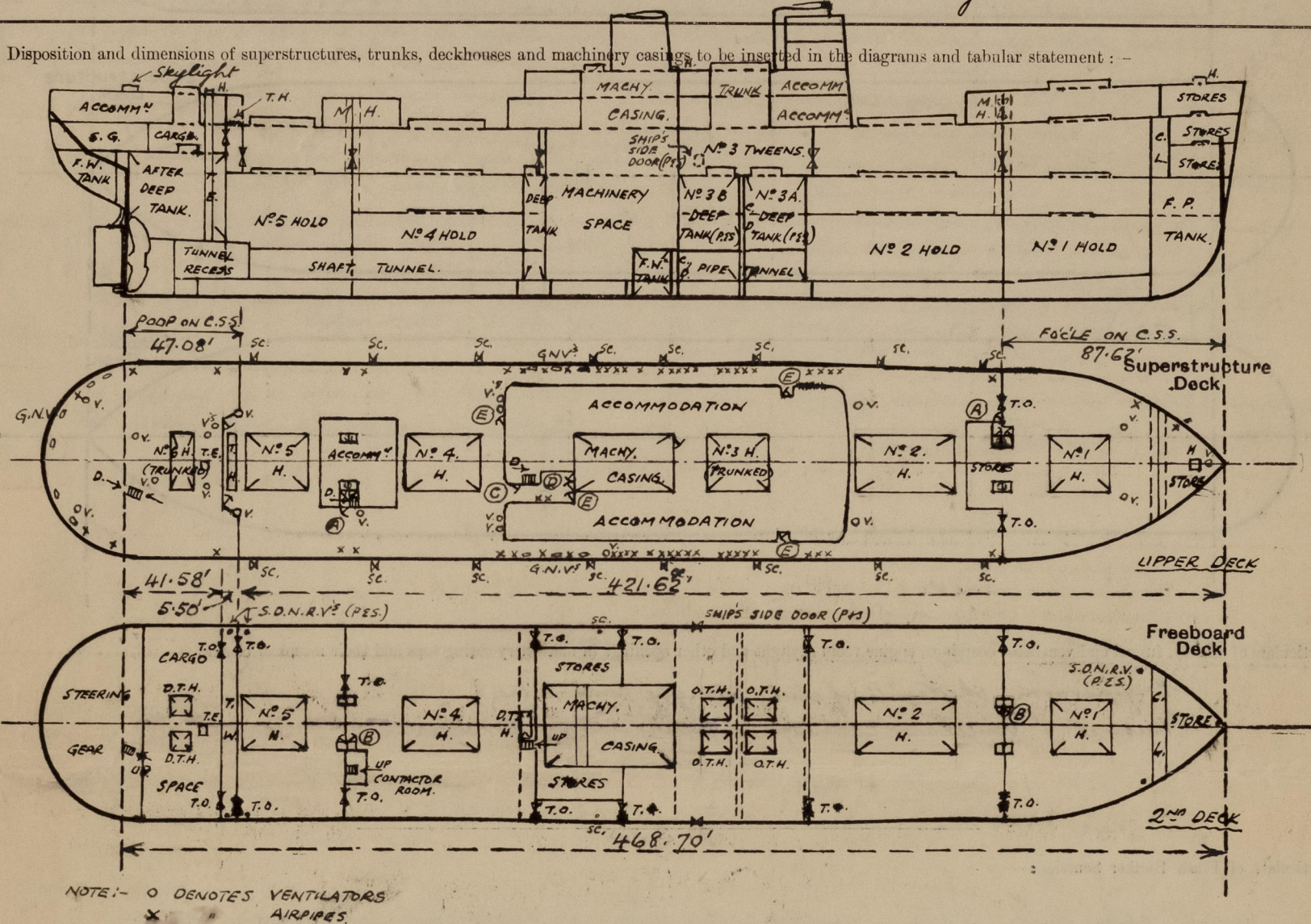


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

21 JAN 1940

Ship's Name *S. S. "SILVERBRIAR" ANDRIA* Port of Survey *Sunderland*
Official Number *181841* Surveyor's Signature *J. Forsyth*
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 (ON...C.S.S.)	.38"	.38"	7"x3 1/2"x42"QA	30" E 31 1/2"	Lugged top & bottom	2@ 4'-7"x2'-1"	21"	7'-6"
Raised Quarter Deck Bulkhead (TONNAGE WELL)	.30"	.30"	6"x30" welded plate	24"-30"	bracketted top & bottom	2@ 4'-6"x3'-0 1/2"	18"	7'-6"
Bridge, After Bulkhead (TONNAGE WELL)	.26"	.26"	Corrugated (welded)	As per sketch	Welded top & bottom	2@ 4'-6"x3'-0 1/2"	18"	11'-3" (AT SIDE)
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead (ON C.S.S.)	.30"	.30"	5"x3"x30"QA	30"-35"	Riveted to boundary angles	2@ 4'-6"x3'-1"	19"	7'-6"
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓							
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	.30"	.26"	3 1/2"x3"x3/16"	33"	Riveted to beam at top free at bottom	✓	✓	10'-9 1/2"
Deckhouses on Flush Deck Ships	✓							

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

Poop Bulkhead (ON...C.S.S.)	Hinged steel W.T. doors, operated both sides. ✓
Raised Quarter Deck Bulkhead (TONNAGE WELL)	Portable steel plates secured by 3/4" hooked bolts spaced 13" apart. ✓
Bridge, After Bulkhead (TONNAGE WELL)	Portable steel plates secured by 3/4" hooked bolts spaced 13" apart. ✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead (ON C.S.S.)	3" shifting boards in full height channels. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
Deckhouses on Flush Deck Ships	✓

Silver-trav.

A hand-drawn cross-section diagram of a ship's hull and superstructure. The diagram is oriented vertically on the page. It shows a hull cross-section with a rounded bow at the top and a flat bottom. A horizontal dashed line represents the waterline. Above the waterline, there are two distinct superstructure sections. The upper section is labeled "Superstructure Deck" and has a rounded, bulbous shape. The lower section is labeled "Freeboard Deck" and has a more rectangular shape with rounded ends. The hull itself is divided into three main sections: a rounded bow at the top, a flat bottom, and a rounded stern at the bottom. The entire diagram is drawn with black ink on a light-colored background.

Funnel & ventilator coamings of steel, strongly constructed. ↓

None

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

Foc'le { 1 @ 12" dia., coamings 3'-0" x 34" to F.P. stores ↓
 DK. { 2 @ 24" " " 5'-4" x 42" " N° 1 Hold spaces (efficiently stowed). ↓
 { 2 @ 30" dia., coamings 8'-3" x 42" to N° 2 Hold spaces (efficiently stowed) ↓
 { 7 @ 6" " " G.N. vents, 3'-0" to openings, to midship stores ↓
 Upper { 2 @ 24" " " (derrick post vents) to N° 4 Hold spaces. ↓
 DK. { 2 @ 9" " " coamings 9'-3" x 32" to After deep tank (efficiently stowed) ↓
 { 2 @ 24" " " (derrick post vents) to N° 5 Hold spaces. ↓
 { 1 @ 6" " " coaming 3'-0" x 30" to Mail room amidships. ↓
 { 1 @ 8" " " " 3'-0" x 32" to Contactor room. ↓
 Mast { 4 @ 36" dia., coamings 2'-3" x 42" to hold spaces. ↓
 horse {
 tail {

Pop { 2 @ 15" dia., coamings 2'-6" x 36" to After deep tanks
 DK. { 1 @ 12" " " 2'-6" x 34" tunnel escape.
 { 2 @ 12" " " 2'-6" x 34" After cargo spaces
 { 2 @ 9" " " 2'-6" x 32" Steering gear.
 { 6 @ 6" " " G.N. vents, 1'-6" to openings, to Crew
 (accommodation spaces)

Boat { 4 @ 19" dia., coamings 2'-6" x 40" to N° 3 Tween
 DK. { " " " " & Deep tanks.

Ventilators fitted with wood plugs and canvas covers as necessary. ✓

To peaks, to D.B. fuel water & water ballast tanks, cofferdams, rudder trunk, and midship pipe tunnel 2", 3", 4" & 6" dia., openings 30" above deck. ✓

To deep tanks, O.F. settling tanks, and D.B. oil fuel or water ballast tanks, diesel oil & lubricating oil drain tanks 2", 3", 4" & 6" dia., openings 30" above deck. ✓

Airpipes fitted with gauges as required, and wood plugs and/or canvas covers.

Ship's Side door to Midship Tween decks (P&S): Opening 22½" x 36" to inside of 5" x 3" x 50" O.A. frame, .72" hinged steel door plate, 4-⅞" toggles, with 2-4" channel strong backs, and greasy hemp packing. ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

From 2nd Dk. { In tonnage well 1-5" dia., S.D.N.R. valve scupper (P.E.S.) discharging overboard, operated from accessible position on Poop deck & fitted with indicator. ✓
 In way machy. space amidships 1-4" dia., scupper pipe (P.E.S.) led to E.R. bilges & fitted with weighted lever cocks at lower ends. ✓ At fore & after ends of tween decks (No sheer) 2" dia., S.D.N.R. valve scuppers (P.E.S.) led to hold bilges & operated from accessible positions on Fore & Upper decks respectively & fitted with indicators. ✓
 Drain holes cut P.E.S. in wings of all intermediate tween dks. bulkheads. ✓
 In way refrigerated store spaces amidships 1-2" dia. scupper from each chamber led into 1 common 4" dia., scupper pipe led to E.R. bilges, fitted with sealed traps and weighted lever cock at lower end. ✓
 In way steering gear flat 2" dia. Scupper P.E.S. discharging into middle trunk & fitted with S.D.N.R. valve operated from accessible position on Poop Dk. & fitted with indicators. ✓

Upper Dk. { All sanitary discharges are from spaces above the upper deck, discharging overboard above the level of the 2nd dk. & fitted with brass automatic non-return storm valves at ship's sides. ✓
 Above. { 8 off 5" x 2½" slots cut in stringer angle each side to drain exposed upper deck. ✓
 1-2½" dia. scupper pipe (P.E.S.) from space above upper dk. amidships & discharging through ship's side below level of 2nd dk., fitted with S.D.N.R. valve operated from accessible position on upper deck & fitted with indicator. ✓

Particulars of Side Scuttles:—

To steering gear space in tween deck aft, 12' dia., strongly constructed, with hinged C.S. deadlight. ✓
To accommodation space in poop tween dck., 12' dia., " " " " " " C.I. " "

Vertical distance of Sill of lowest Side Scuttle above top of keel $42^{\circ}4'$ ($2^{\circ}1'$ abaft A.P.)
(No side scuttles fitted below level of freeboard deck)

Strongly constructed steel belworks, efficiently stayed, on upper deck, 3'-6" in height. ✓
On Forecastle & Poop decks strong steel stanchions, 3'-3" & 3'-6" in height, spaced
about 5'-0" apart with 3 rails. ✓

Particulars of Gangways, Lifelines, etc. :—

Particulars of Freeing Arrangements. (See also scupper)						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well <i>TONNAGE WELL</i>	5'-6"	✓	5" dia. S.D.N.R. valve (P.s.) operated from Poop deck	1	✓	✓
Forward Well (<i>ON UPPER DK</i>)	334'-0"	3'-6"	} 229.75' x 25' (Total length)	7	57.44 sq ✓	33.4 sq ✓
State position of each freeing port	UPPER OK. After Well :—		Distance between freeing ports from forecastle bulkhead.		
(F. and A. position and height above deck edge)		UPPER OK. Forward Well :—	15'-3", 5'-9", 5'-9", 44'-0", 5'-9", 5'-9", 5'-9", 8'-16'-9" ✓			
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.										BOAT DECK	POOP DECK
FREEBOARD DECK					UPPER DECK						
Description of Hatchway	1	2	4	5	1	2	4	5	3	6	
Dimensions of Hatchway	28'-9" x 16'-0"	44'-0" x 21'-0"	35'-9" x 21'-0"	30'-3" x 21'-0"	28'-9" x 21'-0"	44'-0" x 21'-0"	35'-9" x 21'-0"	30'-3" x 21'-0"	24'-9" x 21'-0"	8'-9" x 21'-0"	
COAMINGS	<div> <div>Height above Deck</div> <div>Thickness</div> <div>Sides</div> <div>Ends</div> <div>Stiffeners</div> <div>Brackets, Stays</div> </div>										
HATCH BEAMS (SLIDING TYPE)	<div> <div>Number</div> <div>Spacing</div> <div>Scantling and Sketch</div> <div>Web plates</div> <div>TOP & BOTTOM ANGLES</div> <div>Bearing Surface</div> </div>										
FORE AND AFTERS	<div> <div>Number</div> <div>Spacing</div> <div>Unsupported Lengths</div> <div>Scantling* and Sketch</div> <div>Bearing Surface</div> </div>										
HATCH COVERS	<div> <div>Material</div> <div>Thickness</div> <div>How fitted</div> <div>Bearing Surface</div> </div>										
Spacing of Cleats	24"										
Number of Tarpaulins	1										

*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? ☒ (locking bars)

how all wood 3" Slabs. See C. W. contra Lon 7/54

Simplex type Scantlings approved for reported spans

1/8" thk. Steel 3" Depth F. & A.

3" at hatch ends, 5" at beams

3" at hatch ends, 4 1/2" at beams

OTHER HATCHWAYS 1- N^o 1 ON F.O.C. DK:- 28'-9" x 21'-0", Coamings 32" x .44 sides & ends; Stiffeners at ends 7" x 3" x .35", and bracket stays 3P, 3S, 1F. and 1A. with Tuten Patent Rolling Steel covers, 8" deep, 28" x 26" cover & bottom plates; bearing surface 4"; cleats spaced 24" apart & complete with battens & 2 tarpaulins.

Tonnage Hatch on Upper dk:- 4'-7" x 21'-1", coamings 9" x 3" x .44", 3" thk. wood covers fitted F. & A., bearing surface 3; covers secured by ring bolts & lashings.

O.T. Hatches to Midship deep tank on 2nd DK. (4 off) 13'-0" x 8'-6", coamings 2'-3" x .44" efficiently stayed; steel hinging cover plate .50" thick, efficiently stiffened & secured by toggles spaced 15" apart.

O.T. Hatch to After midship deep tank on 2nd DK. (1 off) 4'-0" x 10'-6", coaming 2'-3" x .44" efficiently stayed; steel hinging cover plate .50" thick, efficiently stiffened & secured by toggles spaced 15" apart.

O.T. Hatches to After deep tank on 2nd DK. (2 off) 7'-0" x 8'-0", coamings 1'-9" x .44" efficiently stayed; steel hinging cover plate .50" thick, efficiently stiffened & secured by toggles spaced 15" apart.

To F.P. Stores on F.O.C. DK:- 3'-0" x 2'-6", coaming 24" x .44", with 3" W. Wood covers fitted F. & A., bearing surface 2 1/2" & complete with battens, cleats & 2 tarpaulins.

Escape Hatch on Casp. Lp:- 2'-0" x 2'-0" coaming 6" x 3" x .50" A.A. with hinged steel W.T. cover .40" thk, secured by 2 toggles & 2

Tunnel Escape Hatch on Poop:- 2'-7" x 2'-5" coaming 16" (above wood dk) x .44" with hinged steel W.T. cover .40" thk, secured (locking handles) by 8 toggles.

NOTE:- Ends of wood covers where fitted protected by galv. steel bands efficiently secured.

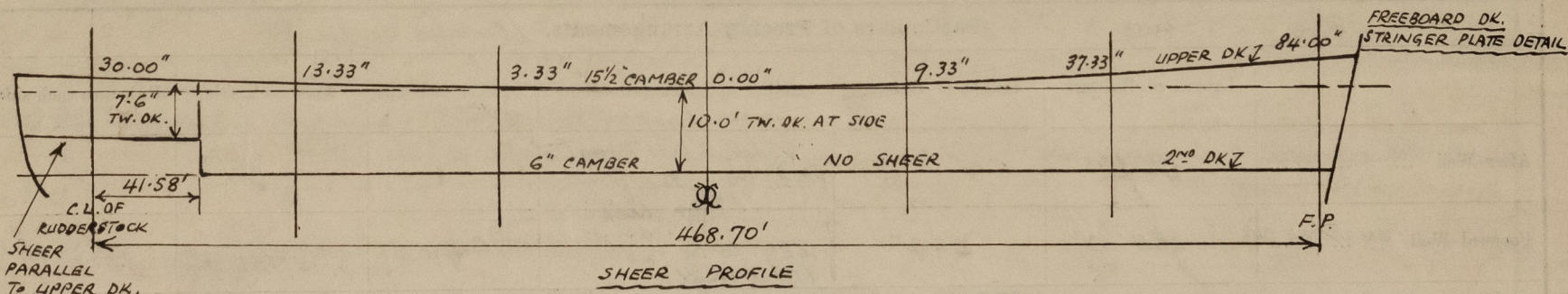
Endorsement at first survey and at surveys for renewal of Certificate:-

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

Steel Skylight:- Strongly constructed steel skylight on Poop deck to accommodation space, coaming 13 1/2" above wood deck & fitted with steel hinged covers.

IN WAY MIDSHIP STRINGER PLATE CARRIED OUT LEVEL TO SHIP'S SIDES.

50 STRG. PLATE



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