

Lloyd's Register of Shipping.

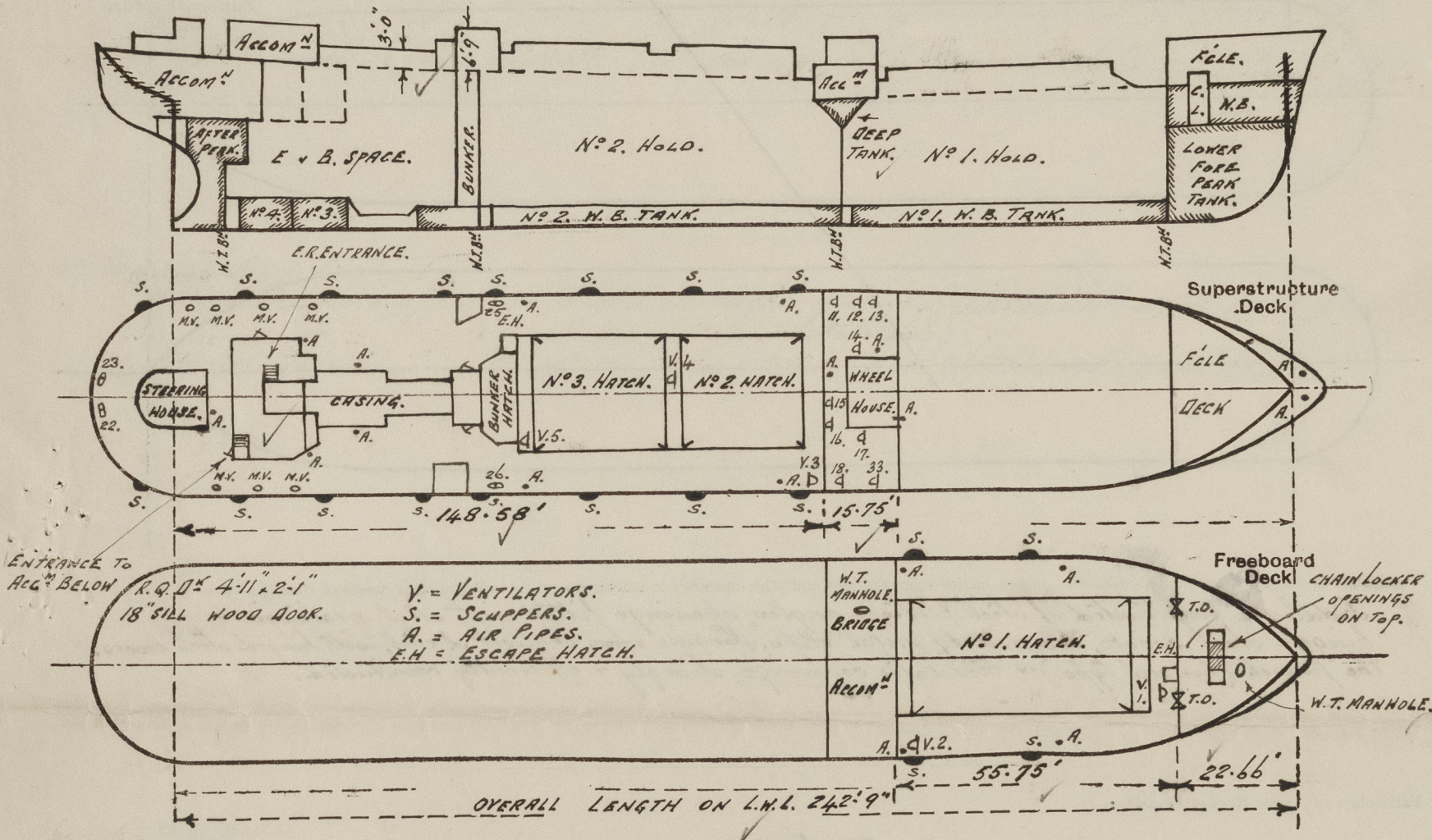
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

20468.

Ship's Name *"SIR LEONARD PEARCE"* Port of Survey *Burntisland (LEITH.)*
Official Number *168216* Surveyor's Signature *Robert Wood*
Nationality and Port of Registry *British - London.* Date of Survey *while building.*

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



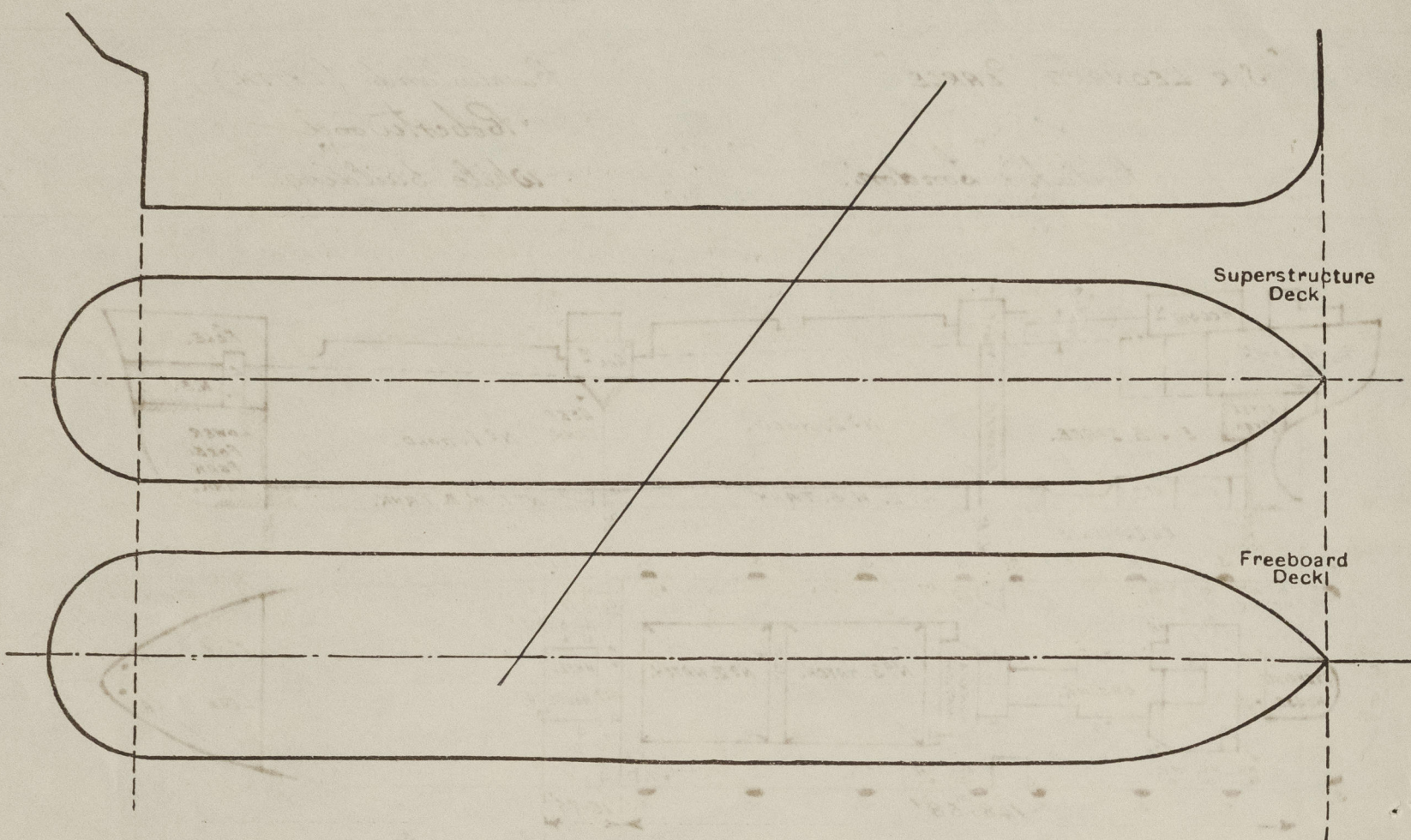
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...		✓						
Raised Quarter Deck Bulkhead ...	.30	✓ .30	6 x 3 x 36 S. SIDES. 3 1/2 x 3 x 30, ELSEWHERE.	36" 26"	BKTS & DIAPHRAGMS. JOINTERS.	NONE.	✓	{ 3'0" ABOVE R.Q.D. 3'11 3/4" BELOW DO.
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...	.34	.34	7 x 3 x 36 S. SIDES. 6 x 3 x 33 S.	31"	BKTS TOP & BOTTOM LOGS TOP, JOINTERS BOTTOM.	NONE.	✓	7'0"
Forecastle Bulkhead ...	1'3" x 10 Lb.	.23 x 10 Lb.	3 1/2 x 3 x 30 L	30"	JOINTERS.	4'0 1/2" x 3'0 1/2"	15"	6'0"
Trunk, Aft ...		✓						
Trunk, Forward ...		✓						
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.32 .38	.32 .30	3 x 3 x 30 L.	30" ✓	BKTS TOP & JOINTERS BOTTOM	4'8" x 2'0"	✓ 20"	3'0" 6'9"
Exposed Machinery Casings on Superstructure Decks ...		✓						
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...		✓						
Deckhouses on Flush Deck Ships ...		✓						

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

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	No OPENINGS.
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	No OPENINGS.
Forecastle Bulkhead ...	STORM BOARDS FITTED FULL HEIGHT IN RIVETED CHANNELS.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	STEEL DOORS - CAN BE MANIPULATED FROM BOTH SIDES. THE OPENING TO ENGINE ROOM IS PROTECTED BY HOUSE. THE DOORS OF WHICH ARE OF HARDWOOD & CAN BE MANIPULATED FROM BOTH SIDES. OPENINGS 4'11" x 2'1" WITH 18" SILL.
Exposed Machinery Casings on Superstructure Decks ...	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Deckhouses on Flush Deck Ships ...	✓

ST LEONARD PEARCE

Particulars of Gangway Cargo and Coaling Ports:—



Sidley is constructed of steel plates & angles, openings fitted with steel grating & hinged steel covers, secured by metal clips. Engine room skylight of steel, with hinged steel covers. The funnel (hinged type) & ventilator casings, strongly & efficiently constructed. ✓

— NONE —

- NONE -

Structural details in exposed positions on freeboard and superstructure decks :-									
Nº 1. Hold Vent.	15 dia.	-	coaming	36" x 36"	-	do.	above	upper decks.	✓
Nº 2. do. do.	15" do	-	do.	48" x 36"	-	do.	do	do (with welded brackets at deck.)	✓
Nº 3. do. do.	12 1/2" do	-	do.	30" x 34"	-	do.	do.	R.Q. decks.	✓
Nº 4. do. do.	2 1/2" do	-	do.	24" x 40"	-	do.	do.	Hatch platform.	✓
Nº 5. do. do.	10 3/4" do.	-	do.	24" x 32"	-	do.	do.	do.	✓
Nº 11 to 18, 33	5" do.	-	do.	30" x 30"	-	do.	do.	above Bridge Deck. to Deck	✓
Nº 22 After Store	5" do.	-	do.	33 1/2" high	-	do.	do.	R.Q. deck Swan Neck Vent.	✓
Nº 23 Baggage Room	5" do.	-	do.	33 1/2" do	-	do.	do.	do.	✓
Nº 25-6 Bunker Vents	4" do.	-	do.	33 1/2" do.	-	do.	do.	do.	✓
Brew Aft Accom.	6" do.	-	do.	30" x 30"	-	do.	do.	do. Mushroom down cover	✓

all coamings fitted with wood plugs & canvas covers. ✓
all Mushroom type fitted with screw down covers. ✓
all ovannecks fitted with wood plugs. ✓

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

To upper fore peak tank - One 5" dia x 18" above precast deck, also one 5" dia overflow through shell ✓
To lower fore peak tank - One 5" dia x 18" above precast deck, with 1/4" valve at shell to each tank.
To No. 1, U.B. tank - Two 4" dia x 36" above upper deck, also - Two 3" dia x 36" above upper deck.
To No. 2, U.B. tank - Two 5" dia x 30" above R. Q. deck, also - Two 4 1/2" dia x 30" above R. Q. deck.
To No. 3, U.B. tank - One 5" dia x One 2" dia x 30" above R. Q. deck.
To No. 4, U.B. tank - Two 2 1/2" dia x 30" above R. Q. deck.
To After Peak tank - One 3" dia x 30" above R. Q. deck, also one 3" dia overflow through shell with 1/4" at shell.
To Midship Deep tank - One 5" dia x Two 1 1/2" dia x 18" above Bridge Deck.

All air pipes fitted with emptying holes, also wood plugs & canvas covers. ✓

Scupper from upper deck. (Forward well.) Two each side 6" x 3" led overboard above deck. ✓
do. do. R.Q. deck. - Eight each side 6" x 3" led overboard above deck. ✓
do. do. Bridge Deck² - One 4" w.c. discharge (p.s.) passing through deck with storm valve at shell. ✓
do. do. do. - Two 2" discharges (p.s.) passing through deck with storm valve at shell. ✓
do. do. Deck³ on R.Q.D. aft. - One 4" w.c. discharge (p.s.) passing through deck with storm valve at shell. ✓
do. do. do. do. - Three 2" Scupper (port.) passing through deck with storm valve at shell. ✓
do. do. do. do. - Four 2" do. (starb'd) passing through deck with storm valve at shell. ✓
Scupper in Deck² in tween deck aft. - One each side, led to engine room bilge with water seal in pipe.

of Side Scuttles:—

Brew's Quarters' aft. :-	8" 10" dia	side light's	port side.	} Fitted with metal deadlights. ✓
do.	7" 10" dia	do.	starb ^d side.	
Bridge Accom ^{ns} . :-	10" dia	do.	3 port & 2 starb.	Fitted with metal deadlights. ✓

21-3

Open Rails on Gile. 3'0" high with 2 rods carried by stanchions, spaced about 4'6" apart. ✓
 Elsewhere solid plate & angle bulwarks .25 thick & stanchions spaced 4'6" apart upper ✓
 deck - 6'9" apart R.R.D. left of side houses on R.R.D. an opening 16'0" in length is
 fitted in way of boats with height of bulwark reduced to 2'0". ✓

Platforms fitted from Bridge & Life front ladders to hatch tip in forward well (l.s.) &
2½ manilla lifeline carried through stanchions over 18" hatchway. ✓

Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
R.O.W. After Well	148'7" To TRANSOM.	3'0"	20'3" x 8" 13'6" x 8" 6'9" x 8" 3'0" x 1'6"	Four ✓	31.5 ✓	29.74 ✓
Forward Well	56'9" ✓	4'0" ✓	13'6" x 8 1/2" 13'1" x 8 1/2"	Two ✓	18.8 ✓	17.5 for DEFICIENCY OF SHEER.

State position of each freeing port (After Well :- 6'0" FROM TRANSOM
(F. and A. position and height above deck edge) Forward Well :-

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-

Additional area where sheer is less than standard.

THIS FREEING PORT
3'0" x 1'6" WITH HINGED
SHUTTER & ROD (P.I.R.)

NO SHUTTERS OR BARS.

HEIGHT ABOVE DECK.
EDGE. 9 3/4" UPPER DECK.
9" R.O. DECK.

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	UPPER DECK. No 1.	R. Q. DECK. No 2 + 3.	TRUNK TOP BUNKER HATCH.	UPPER DECK. ESCAPE HATCH.	R. Q. DECK. ESCAPE HATCH.	CHAIN LOCKER HATCHES.			
Dimensions of Hatchway	47'3" x 25'9"	38'3" x 25'9"	21'6" x 5'3"	2'6" x 2'0"	2'3" x 2'1 1/2"	3'10" x 2'8 1/2"			
12 x 3 1/2 x 45. COAMINGS	Height above Deck ... 4'-0"	4'-0"	3" ABOVE CASING TOP. 34	2'-6"	2'-6"	3'-3"			
	Thickness { Sides ... 44 Ends ... 44	44	34	40	40	30			
	Stiffeners ... SEE SKETCH.	SKETCH.	34	40	40	30			
	Brackets, Stays ... 6'9" x 9'0"	9'0"							
10 x 3 1/2 x 44. HATCH BEAMS	Number ... 6	5							
	Spacing ... 6'-9 3/4"	6'-5 1/3"							
	Scantling and Sketch ... PLATE	PLATE							
	28 1/2 x 42	26 1/2 x 40.	NONE	NONE	NONE	NONE			
	6 x 3 x 45	6 x 3 x 38							
	Bearing Surface ... 3/4	3/4							
FORE AND AFTERS	Number ...								
	Spacing ...								
	Unsupported Lengths ...								
	Scantling* and Sketch ...								
	Bearing Surface ...								
HATCH COVERS	Material ... W.W.	W.W.	W.W.	STEEL	STEEL	W.W.			
	Thickness ... 3"	3"	3"	40.	40	2 1/2			
	How fitted ... FORE	AFT.	F + A.	HINGED PLATE MADE	F + A.	F + A.			
	Bearing Surface ... 6 x 3 1/8	6 x 3 1/8	29 1/8 x 5 5/8	W.T. SECURED BY	2 1/2	2 1/2			
				TOGGLES, BOLTS + HINGES.					
Spacing of Cleats	24"	24"	24"	NONE	NONE	2 EACH SIDE			
Number of Tarpaulins	2.	2.	2.			1 END.			
						ONE.			
<p>*Are wood fore and afters steel shod at all bearing surfaces? <i>NONE.</i></p> <p>Are battens and wedges efficient and in good condition? <i>yes.</i></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <i>yes.</i></p> <p>Are lashings provided in accordance with rule requirements? <i>yes, Eight hatch locking bars fitted to No 1 hatchway + Three fitted to each No 2 + 3 hatchways.</i></p>									

Particulars of any special features:—

Tank Top rises at bilges, forming hopper type holds.

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.

Robert Wood



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