

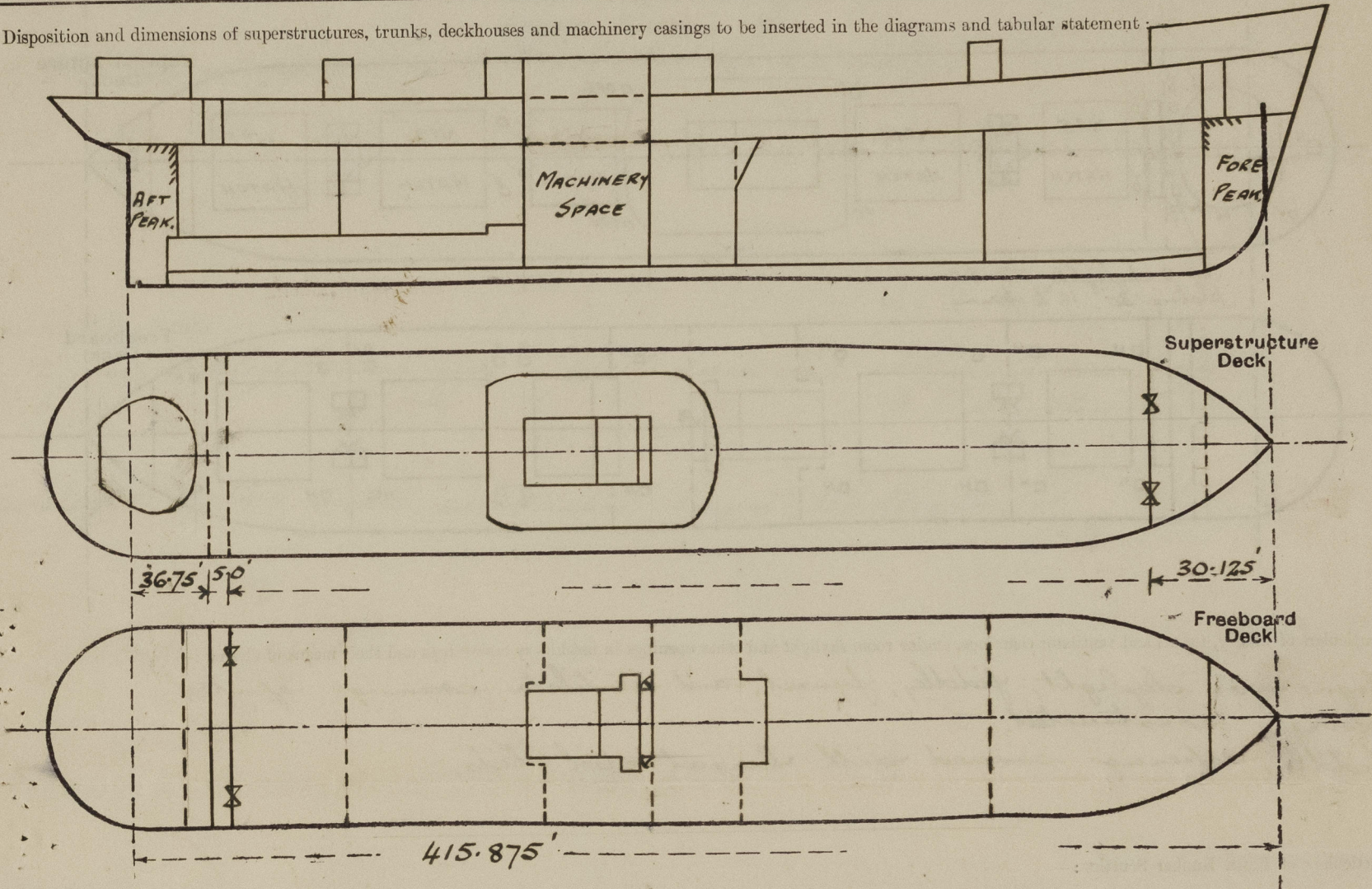
Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Nº 32312

Ship's Name *S.S. WELSH TRADER*
Official Number *166372*
Nationality and Port of Registry *BRITISH*

Port of Survey *Sunderland*
Surveyor's Signature *W. C. Hulls*
Date of Survey *While Building*

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



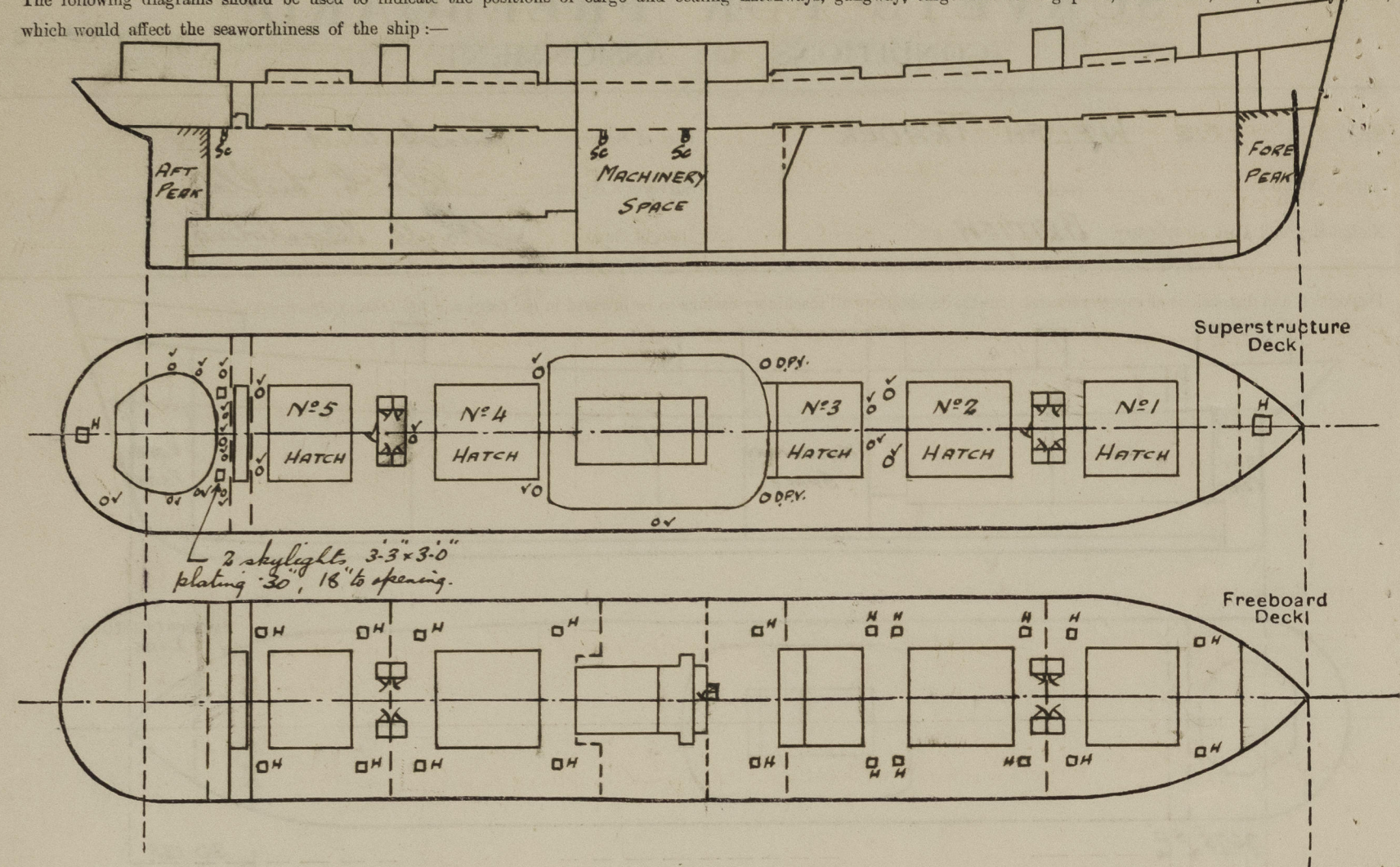
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	.26"	5" x 3" x 30" O.A.	30"	✓	✓	✓	✓
Raised Quarter Deck Bulkhead ...	✓	✓						
Bridge, After Bulkhead ...	.26"	.26"	5" x 3" x 30" O.A.	30"	✓	5'-0" x 3'-1"	18"	✓
Bridge, Forward Bulkhead ...	✓	✓						
Forecastle Bulkhead on Shelter Dk.	.26"	.26"	3 1/2" x 3" x 24" O.A.	30"	✓	4 @ 4'-6" x 2'-0" (A) 2 @ 4'-6" x 3'-1" (B)	18"	✓
Trunk, Aft ...	✓	✓						
Trunk, Forward ...	✓	✓						
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	✓						
Exposed Machinery Casings on Superstructure Decks ...	NONE.							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.37"	.30"	3" x 3" x 30" O.A.	2'-6" to 2'-10"	continuous	2 @ 5'-0" x 2'-0"	18"	✓
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	3" shifting boards in full height sweeted channels. ✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead on Shelter Dk.	(A) .25" hinged steel doors operated from both sides; (B) 3" shifting boards in full height sweeted 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 ...	.25" hinged steel doors operated from both sides. ✓
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 :-

Engine room skylight, fiddle, funnel, and ventilator coamings of steel strongly constructed.
Fiddle openings covered with hinged steel lids.

Particulars of Flush Bunker Scuttles :-

NONE.

Particulars of Companionways :-

NONE

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

- 1-9" bent to fore lower deck on fore deck Coaming 36" x 34"
- 2-24" " " No. 1 hold + lower deck " " 36" x 42"
- 3-6" " " Lamp + Paint Room + Last Stow " " 36" x 30"
- 1-5" G.N. vent to W.C. on fore lower deck 18" to lip.
- 2-30" bent to No. 2 hold + lower deck on upper deck Coaming 36" x 42"
- 2-21" " " No. 3 " " " 30" x 42"
- 2-26" D.P. vents to Bunkers " " " 50" x 30" Staged
- 1-6" bent to Cabin Store " " " 30" x 30"
- 2-24" " " No. 4 hold + lower deck " " 10'0" x 42" (staged)
- 2-21" " " No. 5 " " " 30" x 42"
- 2-15" " " Tunnel fwd. aft " " 30" x 38"
- 2-6" " " Crew Accom. aft " " 30" x 30"
- 1-9" " " Steering Gear space aft " " 30" x 34"

All ventilators fitted with wood plugs and canvas covers.

Particulars of Air Pipes in exposed positions on ~~freeboard~~ superstructure decks :-

- 1-3 G.N. to fore peak tank on fore deck 18" to lip.
- 4-3" " " No. 1 D.B. tank 2 on upper deck 18" to lip, 2 on fore deck 18" to lip.
- 4-3" " " No. 2 " " " 18" to lip.
- 4-3" " " No. 3 " " " 18" to lip.
- 4-3" " " Dry tank " " " 18" to lip.
- 4-3" " " No. 4 D.B. tank " " " 18" to lip.
- 4-3" " " No. 5 " " " 18" to lip.
- 2-3" " " Deep tank aft " " 18" to lip.
- 1-3" " " Aft peak tank " " 18" to lip.

Air pipes fitted with wood plugs or gauge and canvas covers.

Particulars of Gangway Cargo and Coaling Ports :-

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :-

- 4. Lonnage well, 1-5" brass screw down, non-return valve, geared to Shelter Deck, P. & S.
- 7-5" x 2" scuppers each side cut in Shelter Deck stinger angle.
- 1-2 1/2" scuppers each side from Crew Accom. aft, with N.R.V.
- 1-2 1/2" " " S. only " Refrig. Room " "
- 1-P., 2-S. 2 1/2" scuppers from 2nd deck, led to E.R. bilge.

Particulars of Side Scuttles :-

- 8-12" dia. sidelights each side in Shelter Lower deck, to Crew Accom. aft.
- 2-10" " " S. only " " " to Cabin Store " "

Sidelights fitted with substantial hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 32'-3"

Particulars of Guard Rails :-

Plate bulwark 3'6 3/4" high over 72'0" in way of deckhouse.
Plating .26", rail 5 1/2" x 3" x 30" B.A., stays 4'3" apart.

on fore deck, and remainder of upper deck rails 3'9" high, 3 rods, stays 5'0" apart.

Particulars of Gangways, Lifelines, etc. :-

NONE.

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 ...	✓					
Forward Well ...	✓					

State position of each freeing port ... (After Well :- ✓)
(F. and A. position and height above deck edge) (Forward Well :- ✓)

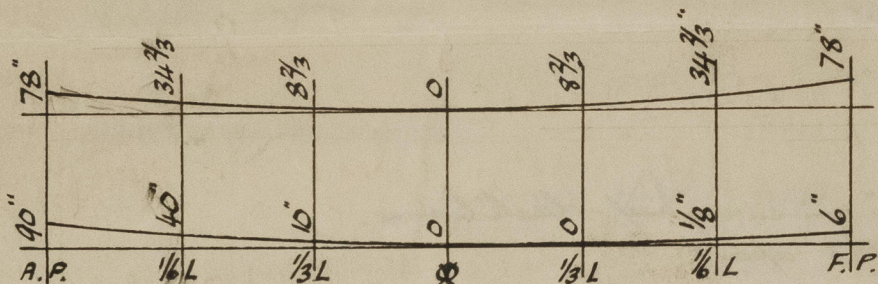
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :- ✓

Additional area where sheer is less than standard. ✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
UPPER DECK						SECOND DECK.				
Description of Hatchway	Nº1	Nº2	Nº3	Nº4	Nº5	Nº1	Nº2	Nº3	Nº4	Nº5
Dimensions of Hatchway	28'x19'3"	35'x19'3"	21'x19'3"	35'x19'3"	35'x19'3"	28'x19'3"	35'x19'3"	21'x19'3"	35'x19'3"	35'x19'3"
COAMINGS	Height above Deck ... 30" Thickness ... 44" Sides ... 44" Ends ... 44" Stiffeners ... 10x3 1/2 x 44 B.A. Brackets, Stays plate ... 9x3 1/2 x 42 B.A.					REITH PATENT 10'x3 1/2' x 44" B.A. ✓ 3 3				
HATCH BEAMS	Number ... 3 Spacing ... 7'-0" Scantling and Sketch ...  Bearing Surface ... 4x3x44					Number ... 4 Spacing ... 7'-0" Scantling and Sketch ... do. Bearing Surface ... 4x3x44				
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...									
HATCH COVERS	Material ... Steel Thickness ... .15" How fitted ... F.A. Bearing Surface ... 4"					"Islewood" Patent Interchangeable Covers Steel .15" F.A. 4"				
Spacing of Cleats	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"
Number of Tarpaulins	2	2	2	2	2	1	1	1	1	1
*Are wood fore and afters steel shod at all bearing surfaces? ✓ 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.						SMALL HATCHES. FEEL DR. Hatch to Fore Peak Store 3'-9" x 3'-0" Coaming 18" x 40", 40" lugged steel H.T. cover, 8 toggles. UPPER DR. Hatch to Fore Peak Store 3'-9" x 3'-0", Coaming 9" x 40", Rest 3" Cover 2 1/2", Cleats 16" x 24", 1 tarpaulin. Escape Hatches to Hold 7' Store Deck in Mast House, F.A., P.S. openings 2'-6" x 2'-3", Sills 18" x 24", steel doors .25" x 40". Lonnage opening aft 4'-1" x 19'-3", Coaming 9" x 3 1/2" x 44" B.A. Rest 3", Cover 2 1/2". Hatch to Steering Gear Space aft 2'-1" x 1'-10" Coaming 18" x 40" Rest 2 1/2", Cover 2 1/2", Cleats 12" x 14", 2 tarpaulins. 2ND DR. 20 Escape Hatches to Hold 2'-0" x 2'-0" Coaming 9" x 35", 30" lugged steel H.T. cover. Escape Hatches to Hold F.A., P.S. (Lugged) opening 2'-6" x 2'-3", sills 24", steel doors .25". Access Hatch to Bunker from Stowage hold opening 2'-2" x 1'-11", sill 18", steel door .25". Hatch in Lonnage hold 3'-6" x 2'-0", Coaming 36" x 38" Rest 3", Cover 2 1/2", Cleats 24", 2 tarpaulins. Hatch to aft Peak Store 1'-9" x 2'-0", Coaming 9" x 40". Cleats 10" x 12", Rest 2 1/2", Cover 2 1/2", 1 tarpaulin.				

Particulars of any special features:—



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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Foundation