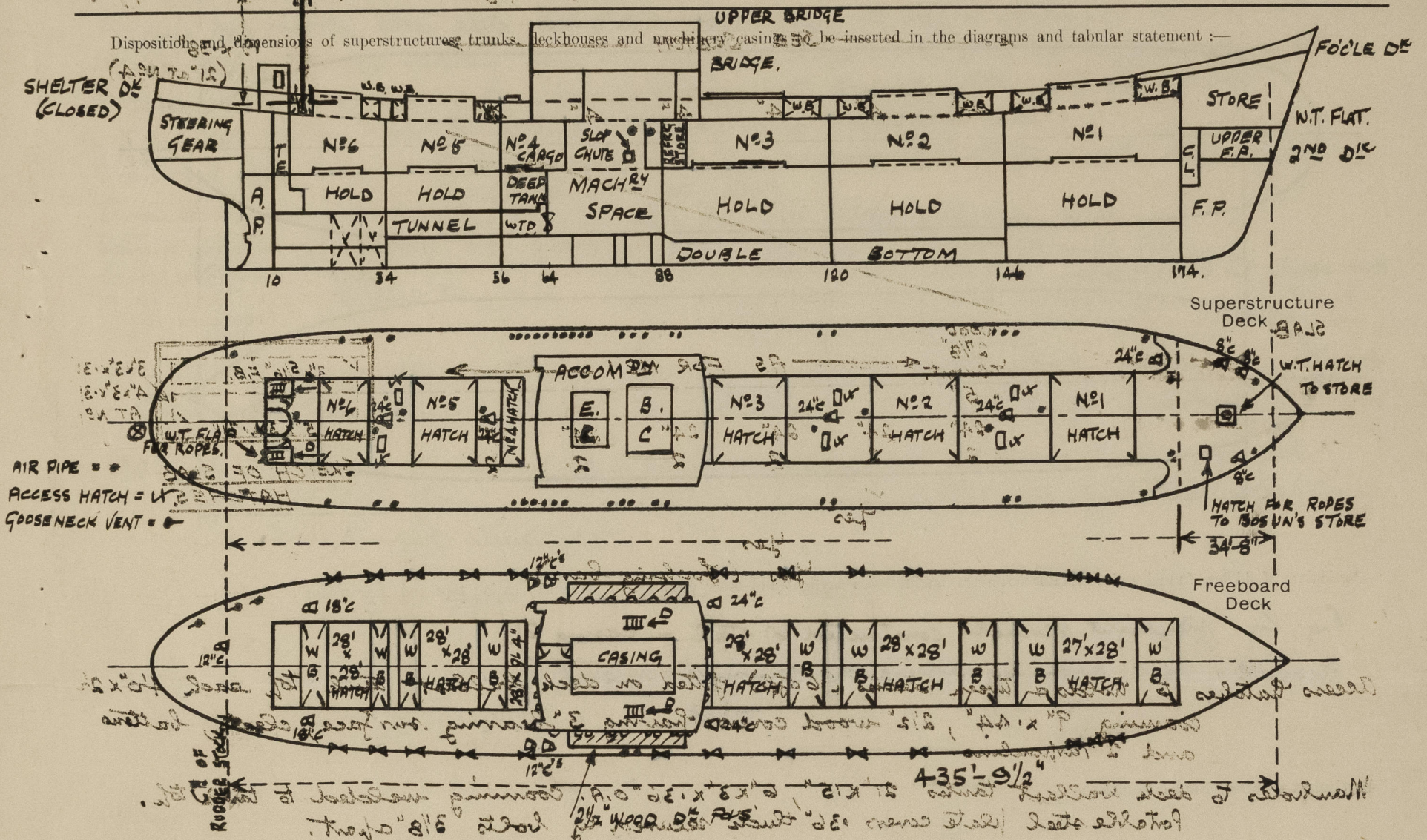


Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

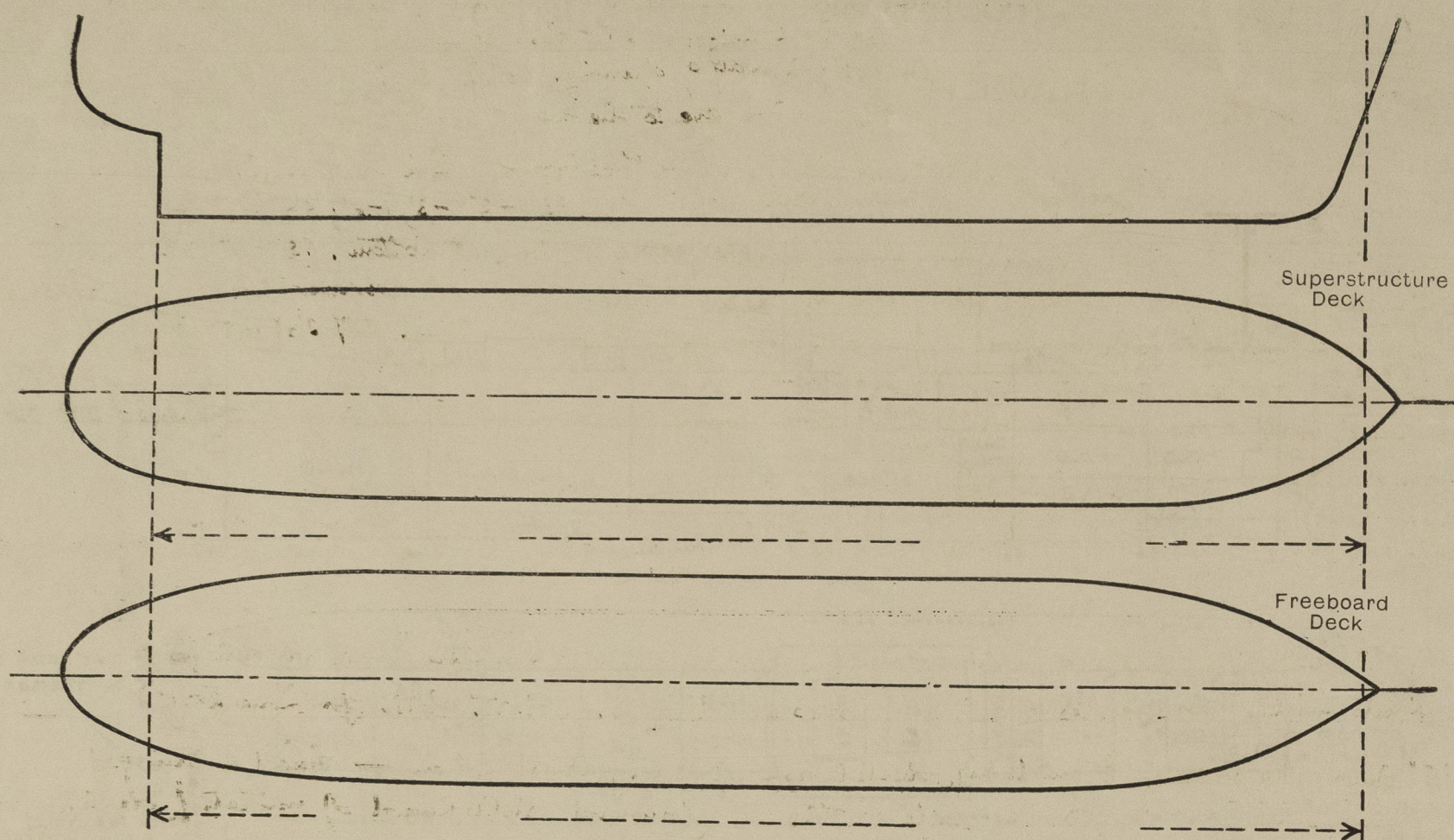
Ship's Name WOOLWICH Port of Survey Dundee
 Official Number 50722 Surveyor's Signature J. H. Tait
 Nationality and Port of Registry British London Date of Survey Whilst building.



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								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Deck	27"	27"				5'-0" x 3'-0"	24"	8'-0"
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructure Decks								
Midship House	25"	25"	3" x 2 1/2" x 24" O.A.	28"	Ret. stiffns	5'-0" x 3'-0"	18"	8'-0"
Midship	29"	29"	5" x 3" x 30" O.A.	28"	Ret. at top	None		
Deckhouses on Flush Deck Ships	32"	32"	7" x 3" x 38" S.A.	30"	Ret. at bottom	None		
Particulars of Closing Appliances (state if capable of being manipulated from both sides).	27"	27"	4" x 3" x 33" S.A.	32" (MAX)	Suggested T & B	20" x 5'-6" x 2'-0"	18"	8'-0"
Poop Bulkhead								
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead								
Exposed Machinery Casings on Freeboard or Raised Quarter Deck								
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructure Decks								
Midship House								
Midship								
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 hatches, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Eng. Rm. skylight strongly constructed of steel on casing top
Funnel & Vent coaming efficiently constructed of steel.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

Companionway to steering gear flat (P) & stores flat (S) of steel 9'6" x 4'0" fitted with hinged steel door 5'x3' operated from both sides, coaming 18" above ballast tank top.

OPENING IN FORWARD END OF COMPANIONWAY TO STEERING GEAR FLAT (PORT), 24" x 15", FITTED WITH HINGED STEEL COVER SECURED BY 2 HINGES & 2 TUGGLES, COAMING 4'-9" ABOVE BALLAST TANK TOP.

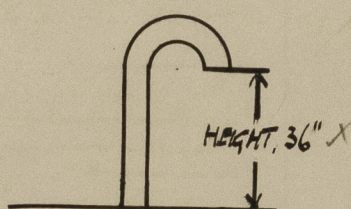
Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Fore Deck 3 off 8" Dia's cow vents, coam. 36" x 30"
Freeboard Deck 3 off 24" Dia's cow vents, coam. 36" x 40"
5 off 12" " " " " 36" x 34"
2 off 18" " " " " 36" x 40"
5 off 6" x 4" Goose-neck vents, coam. 36" x 3/8"

Ballast Tank Top 4 off 24" Dia's cow vents, coam. 36" x 40"

Additional vents to Nos 1, 2 & 5 holds thro' 36" Dia's derrick ports.

Wood plugs & canvas covers supplied for all vents.

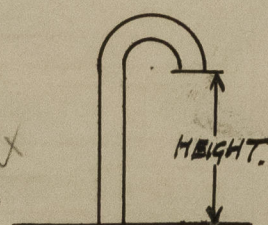


Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Fore Deck 2 off 6" Dia's, Height 30"
Freeboard Deck 2 off 7" Dia's
6 off 5" Dia's
12 off 4" Dia's
4 off 3 1/2" Dia's
1 off 3" Dia's
17 off 2 1/2" Dia's
4 off 2" Dia's
Ballast Tank Top 8 off 3 1/2" Dia's & 2 off 2 1/2" Dia's, Height 9"

Smaller holes in all air pipes.
Wood plugs & canvas covers supplied for all air pipes except those from oil fuel tanks which have wire gauge & canvas covers.

Air pipes kept as high as possible under bulwarks.



Particulars of Gangway Cargo and Coaling Ports:—

None.

Self chute from gallery on port side to 85-86 discharging overboard below freeboard deck thro' auto N.R. Valve (balanced type) with local control position. The chute is fitted with balanced W.T. Cover secured by 2 hinges & 2 Toggles. Opening in steel 9' x 8", shall be closed in way of opening. Notice placed near hopper "When the chute is not in use the cover and the valve are to be kept closed & secured".

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from midship accommodation above freeboard deck led overboard below freeboard deck & fitted with brass stem valves at ship's side. P.S. 1-2", 1-3", 1-6"; S.S. 1-2", 2-6" valves.
Scuppers from midship tween decks led to E.R. bilges & fitted with trap at bottom. P.S. 1-4"; S.S. 1-2".
1 off 2 1/2" Scupper P.S. from midship tween deck led to E.R. bilges & fitted with lever weighted cock in E.R.
Scuppers from tween deck cold stores led to E.R. bilges with trap at bottom. 1 off 2 1/2" port side.
2 off 2 1/2" Dia's scuppers from fore deck discharge on to Freeboard deck.
Freeboard deck drained by 6" x 5" scuppers cut thro' sheerstrake & stringer angle, compensation bar fitted under deck.
Tween decks drained by pipe scuppers led to hold bilges with open ends.
Steering gear comp't. drains into transom space, plating in way of frames open.
Scuppers from transom space & stowage led to tunnel well with lever weighted cock at lower end.

Particulars of Side Scuttles:— Scuppers from spaces under raised fore deck led to chain locker & drained by hand pump which discharges overboard under fore, stern valve at ship's side of hold.

2 off 12" Dia's side scuttles between upper deck & closed shelter deck midships have fixed lights with brass frames & hinged brass deadlights. (M.O.T. Patt. for Zone B+C)

16" Dia's side scuttles to midship deckhouse of strong construction — fixed & hinged lights with brass frames. Side scuttles on forward bulkhead of midship deckhouse have brass hinged deadlights.

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

34'-0"

Particulars of Guard Rails:—

Ballast tank top:— 2 Tier rails, 3'-6" high, stanchions approx. 4'-6" apart.

Fore (aft end):— 3 Tier rails, 3'-6" high, stanchions approx. 4'-6" apart.

Lower Bridge deck:— 3 Tier rails, 3'-6" high, stanchions approx. 4'-6" apart.

Particulars of Gangways, Lifelines, etc.:—

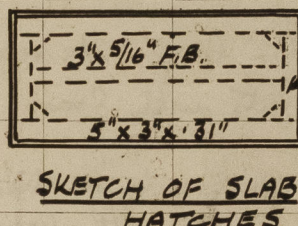
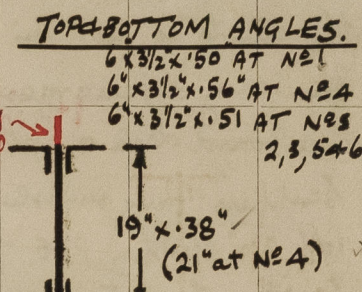
Lifelines provided

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Aft Well ...	421 ft.	Aft to 2 1/3' 3'-6"	10 @ 12'-0" x 9"	13	104 sq	✓
Closed Shelter Deck ...		2 to fore 3'-6" 7'-0"	2 @ 4'-0" x 15"			
Forward Well ...	45 ft.	3'-6" to 4'-6" at stern	1 @ 3'-3" x 15"	✓	✓	✓
State position of each freeing port ...	Aft Well:— Nos. 17-22, 27-32, 37-42, 47-52, 57-62, 66-71, 100-105, 110-115, (F. and A. position and height above deck edge) Forward Well:— 121-126, 130-135, 154-156, 156-158 and 158-160. Lower edge 11 1/3" above deck.					
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—	Open except at 15" freeing ports which are fitted with one bar.					
Additional area where sheer is less than standard.						
Closed Shelter Deck bulwarks:—	Plating 30" with 7" x 3 1/2" x 40" B.A. rail bar, stays 6" x 35" B.P. approx 6 ft. apart, 3 1/2" x 3" x 30" O.A. vert. stiffeners.					
Fore Deck bulwarks:—	Plating 30" with 7" x 3 1/2" x 40" B.A. rail bar, bracket plate stays 30" flanged 4" approx 6 ft apart, 3 1/2" x 3" x 30" O.A. vert. stiffeners.					

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Freeboard Deck.									
Description of Hatchway	...	...	...	...	...	...	...	...	...
Dimensions of Hatchway	...	...	...	...	...	...	...	...	...
COAMINGS	Height above Deck	...	52"	...	...	...	...	...	...
	Thickness	...	44"	...	...	...	...	...	...
	Sides	...	...	...	...	...	...	...	...
	Ends	...	...	...	...	...	...	...	...
HATCH BEAMS	Number	...	3	...	...	...	...	...	...
	Spacing	...	3'-10 1/4"	...	...	...	...	...	...
	Scantling and Sketch	...	...	...	...	...	...	...	...
	Bearing Surface	...	4"	...	...	...	...	...	...
FORE AND AFTERS	Number	...	...	...	...	...	...	...	...
	Spacing	...	...	...	...	...	...	...	...
	Unsupported Lengths	...	...	...	...	...	...	...	...
	Scantling* and Sketch	...	...	...	...	...	...	...	...
SLAB HATCH COVERS	Material	...	WOOD	...	...	...	...	...	...
	Thickness	...	2 1/8"	...	...	...	...	...	...
	How fitted	...	Tarant.	...	...	...	...	...	...
	Bearing Surface	...	5"	...	...	...	...	...	...
Spacing of Cleats	...	...	24"	...	...	...	...	...	...
Number of Tarpaulins	...	...	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)

Particulars of any special features:—

Access hatches to holds & tween decks (6 off) fitted on deck ballast tank top each 4'-0" x 2'-0", coaming 9" x 44", 2 1/2" wood covers having 3" bearing surface, cleats, battens and 2 Tarpaulins.

Manholes to deck ballast tanks 21" x 15", 6" x 3" x 36" O.A. coaming welded to tank top. Portable steel plate covers 36" thick secured by bolts 3 1/8" apart.

Hatch on fore deck 3'-9" x 2'-0" with 18" x 44" coaming & fitted with hinged steel rubber jointed cover 32" thick secured by 8 clips & 2 hinges. On top of this cover a quick closing w.t. scuttle 24" dia. is fitted, coaming 6 1/2" x 3 1/16".

⊗ Opening at aft end of deckhouse on starboard side for passing ropes to Bosun's store 30" x 18" framed & fitted with 44" hinged steel w.t. cover secured by 8 toggles & 2 hinges. Coaming 12".

Hatch 17" square on starboard side of fore deck for passing ropes to store. Hatch of 3/8" plate with hinged steel w.t. cover secured by 4 toggles & 2 hinges (SEE SKETCH BELOW)

