

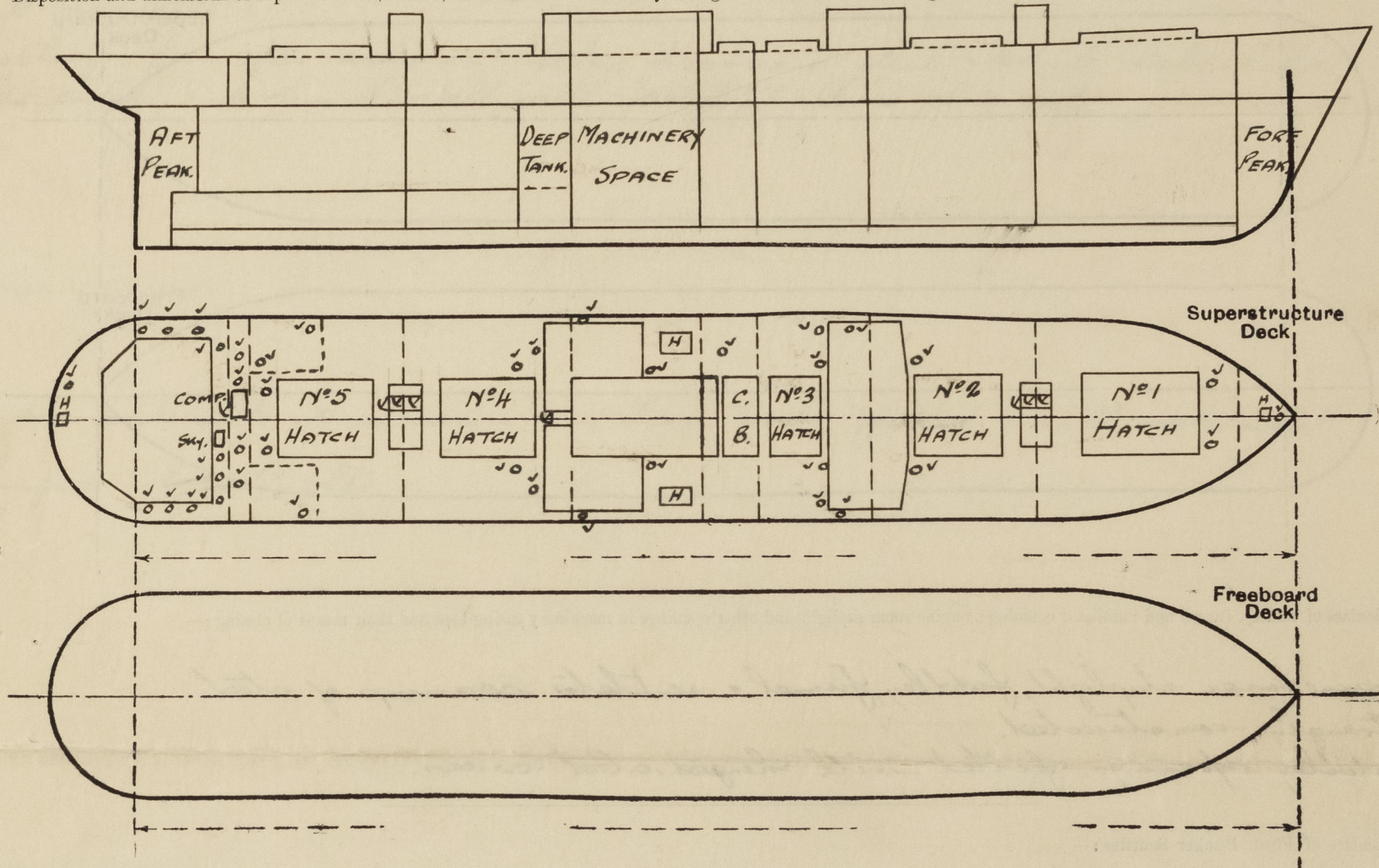
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

N^o 33538Ship's Name *SS. THISTLEMUIR.*Port of Survey *Sunderland*Official Number *169034*Surveyor's Signature *W. E. Miller*Nationality and Port of Registry *BRITISH, SUNDERLAND.*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.

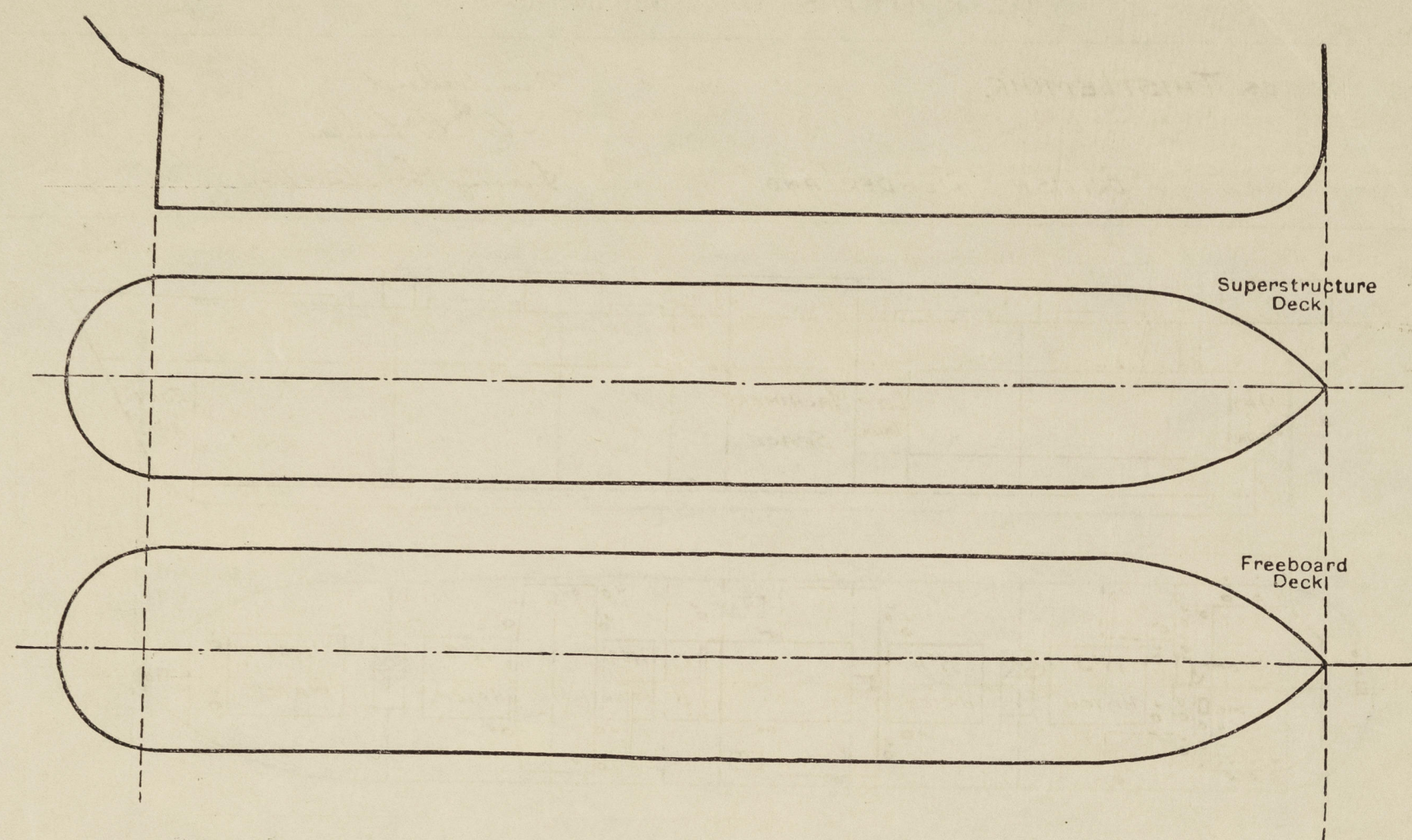
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkheads In Tween Decks	Carried up W.T. to freeboard deck. ✓							
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead ...		✓						
Bridge, Forward Bulkhead ...		✓						
Forecastle Bulkhead ...		✓						
Trunk, Aft ...		✓						
Trunk, Forward ...		✓						
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	34	30	3x3x 5/16	30"	Continuous	5'-0" x 2'-0" 2@	24"	✓
Exposed Machinery Casings on Superstructure Decks ...		✓						
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	34x30	34x30	5x3x 5/16 OR 3x3x 5/16	30"-36"	Bktd.	5'-0" x 2'-0"	18"	7'-6"
Deckhouses on Flush Deck Ships ...	Aft. 30	30	3x3x 5/16	24"-42"	do.	5'-0" x 2'-0"	24"	7'-6"

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

Poop Bulkheads In Tween Decks	No openings except in No. 93 Bld, which has 2 openings closed by hinged steel W.T. door, with packing & 10 toggles. ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	Hinged steel door operated from both sides. ✓
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships ...	Hinged steel door with packing & 4 toggles 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 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 & ventilator coamings of steel strongly constructed.
Fiddle openings fitted with hinged steel covers. ✓

Particulars of Flush Bunker Scuttles:—

NONE. ✓

Particulars of Companionways:— on Freeboard Deck.

To After Accom² Deck opening 2'-6" x 5'-0", plating 25, hinged steel H.T. door, H-tagged.
Skylight to After Accom² 3'-0" x 3'-0", plating 30, 22" to lip.

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

1-10" Vent to Fore Peak Store	Coaming 36" x 32.	✓
6-24" " " Holds & Lower Deck	" 36" x 42.	✓
2-18" " " " " "	" 10'-6" x 40" stayed.	✓
1-18" " " " " "	" 36" x 40"	✓
2-12" " " Deep Tank.	" 10'-6" x 34" stayed.	✓
4-8" " " Lower Deck Bunkers	" 36" x 30"	✓
3-12" " " After Lower Deck & Tunnel	" 36" x 34"	✓
2-18" " " Hold.	" 36" x 40"	✓
9-6", 4-8", 4-9", 3-10" Vents to After Accom ² Steering Gear, & 2 Stores	" 36" x 30"	✓

Ventilators fitted with wood plug & canvas cover. ✓

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

Air pipes 30" in height to lip, fitted with wood plugs. ✓

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

5" x 2 1/2" slots cut in upper deck stringer bar, to drain deck. ✓
Scuppers from cargo tween deck, led to bilges, self closing cocks in E.R. bilge. ✓
Discharge from space on or above freeboard deck, led to N.R. valves, in tween decks. ✓
Discharges from after accom², Refrig. space, below freeboard deck, led to controlled N.R. valves. ✓
Discharges from after accom² below freeboard deck, led to hold bilges, open ended, & to tunnel well, with weighted loose plug cock. ✓

Particulars of Side Scuttles:—

10" dia. sidelights to Accom² in Lower Deck, fitted with substantial hinged deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 33'-9"

Particulars of Guard Rails:—

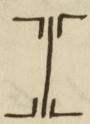
In way of 2 Accom², bulwark 127'-6" x 3'-6" x 26", rail bar 6" x 3 1/2" x 7/16" L on remainder of freeboard deck, rails 3'-6" high, 3-rails, stanchions about 5'-0" apart.

Particulars of Gangways, Lifelines, etc.:—

One lifeline supplied, with fittings P. & S. ✓

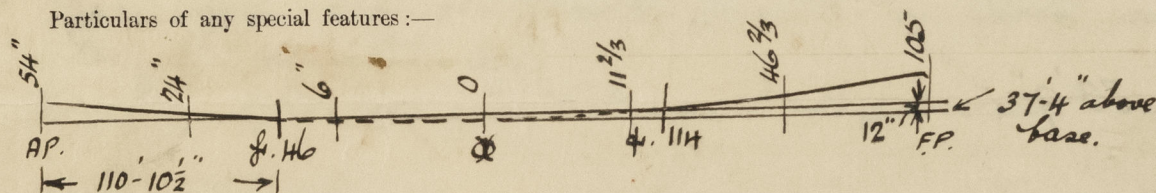
Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	127'-6"	3'-6"	3'-0" x 9"	5	11.25 sq.	✓
Forward Well ...						
State position of each freeing port ... (After Well:— ✓						
(F. and 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.									
Description of Hatchway	N ^o 1	N ^{os} 2, 4, 5	N ^o 3	CROSS BUNNER	2 BUNNER HATCHES	HATCH TO STORE FOR ^d	HATCH TO STEERING GEAR	BUNNER HATCH ON CASING TOP	
Dimensions of Hatchway	33'-9"x20'	35'x20'	15'x20'	7'-6"x20'	9'-8"x4'	3'-9"x3'	1'-9"x2'-6"	4'-5"x18'-6"	
COAMINGS { Height above Deck Thicknes { Sides { Ends Stiffeners Brackets, Stays plate... ..	30" .44 <i>see sketch</i> 3	} do.	do.	do.	30" .40 , ,	24" .40 , ,	24" .40 , ,	9"L	11" B.A. 9" B.A.
HATCH BEAMS { Number Spacing Scantling and Sketch  Bearing Surface	5 <i>equal</i> 5x3x3/8 18 1/2 x 35 5x3x3/8 4 1/2"	} 5 do. do. do.	2 do. do. do.	1 do. do. do.	✓	✓	✓	✓	UPPER DECK HATCH SIDES.
FORE AND AFTERS { Number Spacing Unsupported Lengths Scantling* and Sketch Bearing Surface			NONE.		✓				
HATCH COVERS { Material Thickness How fitted Bearing Surface	R.W. 3" F.O.A. 5x3	} do.	do.	do.	R.W. 2 1/2" <i>attached</i> 2 1/2"	do.	do.	F.O.A. do.	
Spacing of Cleats	24				24"				
Number of Tarpaulins	2.				2.				

*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. Locking bar at all main latches.

Particulars of any special features :—



Freeboard deck level at 38'-4" above base from
fr. 46 - fr. 114, remainder of deck on a curve
whose lowest point is at D. Figures given
are measured above lowest point, which
is 37'-4" above base.

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.