

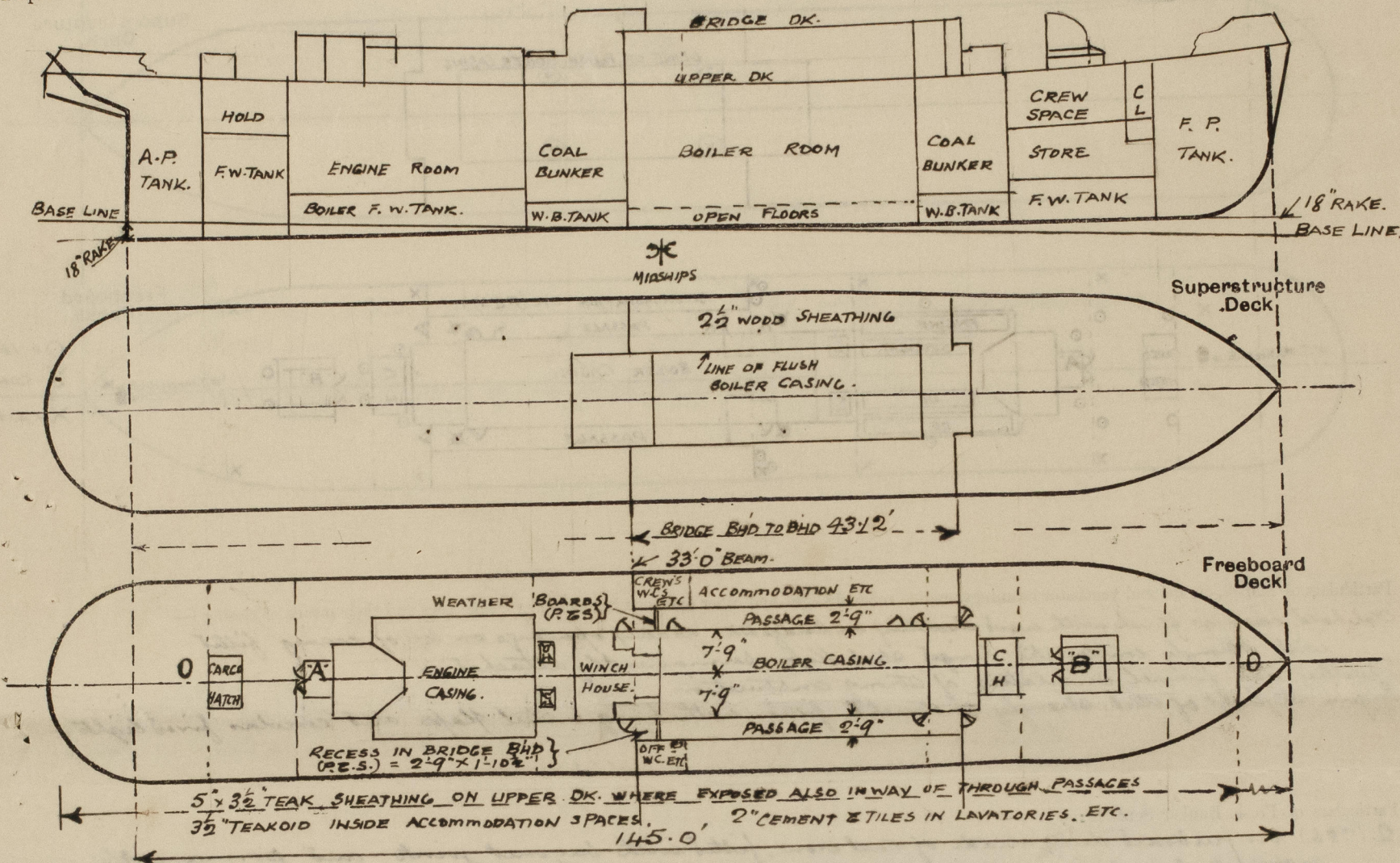
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name *TWIN SC. TUG "T. H. WATERMEYER"* Port of Survey *GLASGOW*
 Official Number *1807* Surveyor's Signature *J. P. Thomson*
 Nationality and Port of Registry *BRITISH, EAST 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 ...	✓							
Bridge, After Bulkhead ...	✓	VERT. PLATING 26"	3 1/2 x 2 1/2 x 28"	30"	none ✓	2-9" PASSAGE ✓	—	7-6" ✓
Bridge, Forward Bulkhead ...	18" x 37"	33	{ 5 x 3 x 40 BA. WITH 4 x 3 x 38 REV. ✓	24" - 30"	BKTS. T. & B.	5-0 x 2-0 (P.E.S.)	14 1/2" ABOVE W.DK.	7-6" ✓
Forecastle Bulkhead ...	✓							
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	✓	35"	3 x 2 1/2 x 32"	28 1/2"	✓	NONE	✓	4-6" ✓
Exposed Machinery Casings on Superstructure Decks ON FREEBOARD DK. ...	35"	30"	4 x 3 x 38"	22 1/2"	BKTS TOP	1. CH 9-2-0 (P.E.S.)	18"	10-0" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	21" x 33"	29"	3 x 2 1/2 x 29"	22 1/2" - 27"	BKTS TOP	2. ASH EJECTOR DOORS 2-6 x 1-10 (PORT) 1-4-9 x 2-0 (P.E.S.)	18"	7-6" ✓
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 ...	STORM BOARDS FULL HEIGHT (P.E.S.) 3 1/4" THICK. IN CHANNELS PERMANENTLY ATTACHED. ✓
Bridge, Forward Bulkhead ...	MECHAN'S PATENT HINGED W.T. DOOR (P.E.S.) MANIPULATED FROM BOTH SIDES. ✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	SEE COMPANION FOR ENTRANCE DETAILS TO ENGINE ROOM.
Exposed Machinery Casings on Superstructure Decks ON FREEBOARD DK. ...	1. (P.E.S.) (TO BOILER ROOM). HINGED STEEL DOORS MANIPULATED FROM BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	1. (P.E.S.) (TO BOILER ROOM). HINGED STEEL DOORS MANIPULATED FROM BOTH SIDES. ✓ 2. (PORT) (TO ASH EJECTOR) HINGED STEEL DOORS OPERATED FROM OUTSIDE ONLY. ✓
Deckhouses on Flush Deck Ships ...	✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
ON FREEBOARD DK.					ON CASING OVER BUNKER.				
Description of Hatchway		To AFT HOLD	BUNKER HATCH FORWARD	20" x 15" manhole to F.S.A. peak tanks	HATCHES TO AFTER COAL BUNKER.				
Dimensions of Hatchway		8'0" x 5'4"	8'6" x 3'0"		ONE 4'0" x 3'6" (P.E.S.)				
COAMINGS	Height above Deck	26 1/2" above cross deck	26 1/2" above cross deck	Coaming 4" x 3/8" above cross dk aft above steel dk forward	Coaming 9" x 3/2" x 50" OA fitted with hinges W.T. steel cross 1/2" thick. Coaming secured by means of butterfly fastenings about 20" apart.				
	Thickness	42"	42"						
	Stiffeners	✓	✓	5/16" hinges steel W.T. Cover secured by means of 5 butterfly fastenings					
	Brackets, Stays	✓	✓						
HATCH BEAMS	Number	✓	✓						
	Spacing	✓	✓						
	Scantling and Sketch	✓	✓						
	Bearing Surface	✓	✓						
FORE AND AFTERS	Number	✓	✓						
	Spacing	✓	✓						
	Unsupported Lengths	✓	✓						
	Scantling* and Sketch	✓	✓						
HATCH COVERS	Material	Teak	Hinges W.T. steel						
	Thickness	2 1/2"	Cover 1/2" thick						
	How fitted	fore & aft	Secured by means of butterfly fastenings about 25" apart.						
	Bearing Surface	3							
Spacing of Cleats		24"							
Number of Tarpaulins		2							

*Are wood fore and afters steel shod at all bearing surfaces? none
 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? none.

Particulars of any special features:— Vessel to be engaged in general towage work. ✓
 Approved midship section and profile plans forwarded for reference with F.E. RPT. THEODOR WOKER.
 Freeboard request form 9. attached.

Extreme draught	Extreme Δ	T.P.L.
15.0'	1336	9.45
14.0'	1226	9.2
13.0'	1120	8.9

Estimated load draught 14'2" aft 10'10" forward mean 14'0"
 Centre of flotation of L.W.L. 7.07' aft of midships
 Area of L.W.L. = 4017.46 ft²

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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