

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. 35260
(For London Office only).

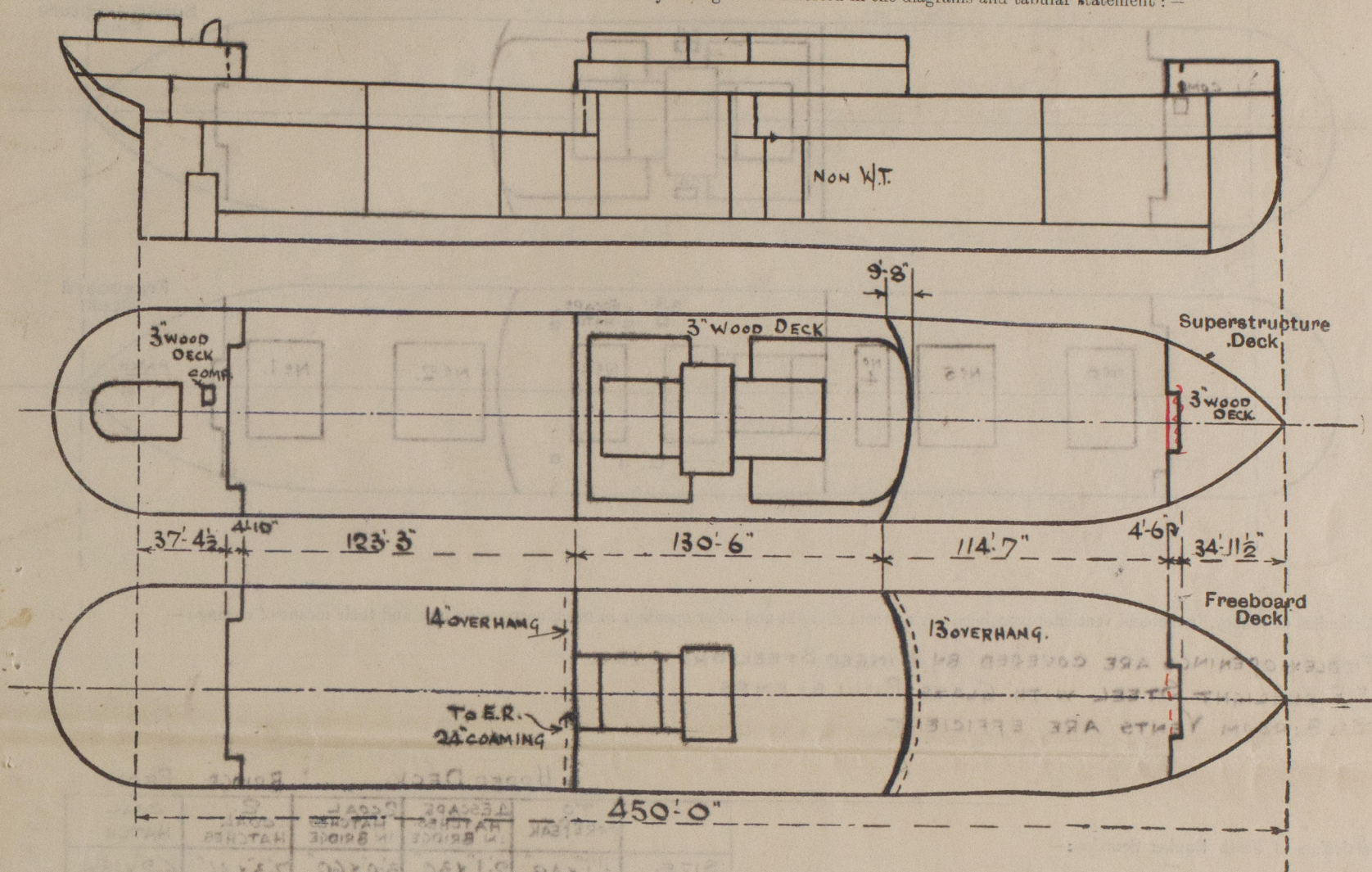
MAY -5 1937

Ship's Name S.S. "BALTISTAN"Port of Survey NEWCASTLE

Official Number

Surveyor's Signature P. HornumNationality and Port of Registry BRITISH - LONDON.Date of Survey 3RD MAY, 1937.

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.

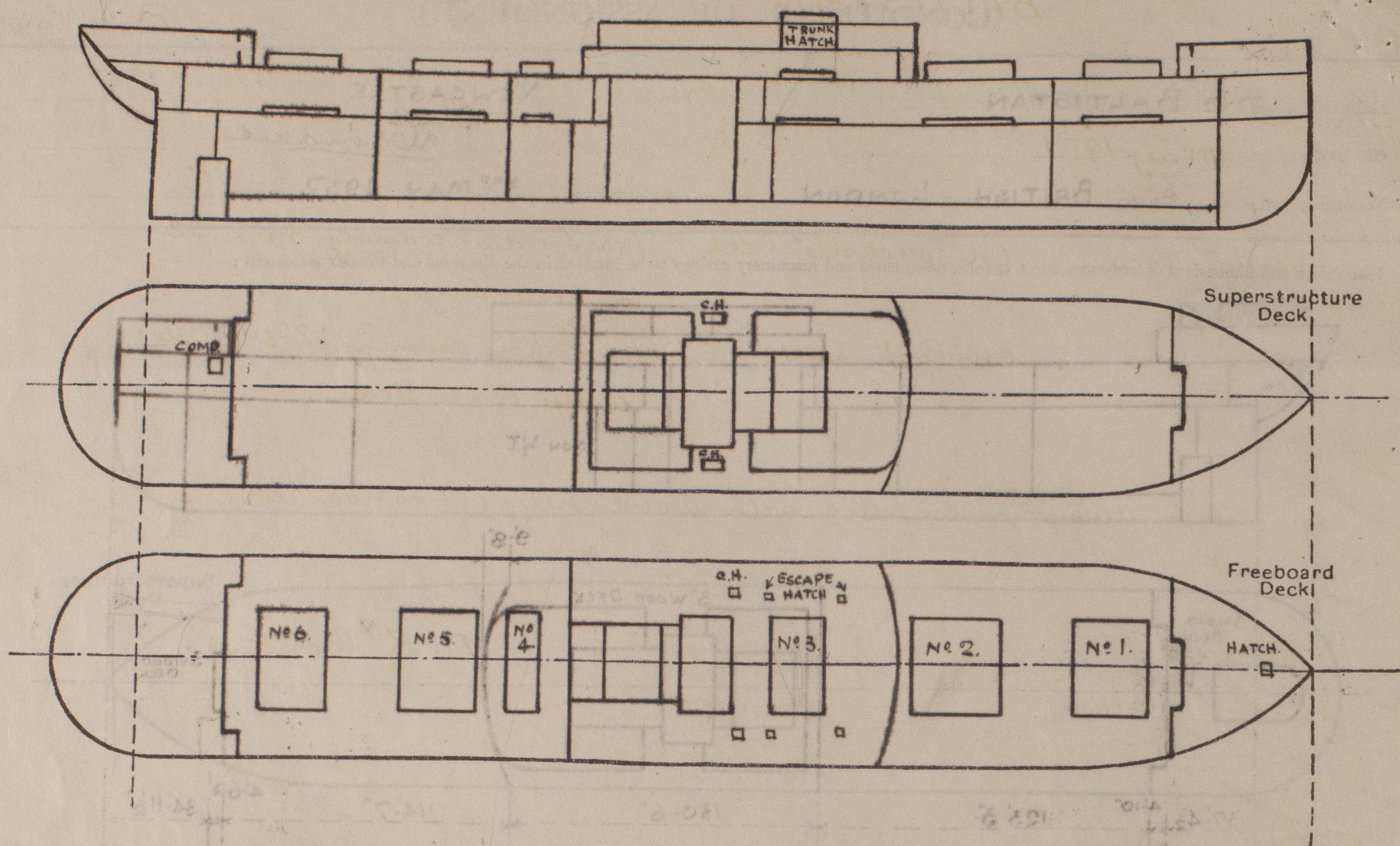
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	38"	38"	6" x 3" x 40" BA	30"	LUGS	2) 4'6" x 24" 1) 4'6" x 23"	18"	
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	30"	30"	4" x 3" x 32"	30"	NONE	2) 4'6" x 38" 3) 4'6" x 24" 1) 4'6" x 21" 1) 4'6" x 21"	24" 21" 24" (ER) 18"	
Bridge, Forward Bulkhead ...	44"	44"	10" x 3 1/2" x 42" NBS	30"	LUGS	2) 4'6" x 36" 1) 4'6" x 38" 1) 4'7" x 24" 2) 4'6" x 21"	20" 18"	
Forecastle Bulkhead ...	30"	30"	4" x 3" x 32"	30" - 36"	NONE		18"	
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	34" x 32"	30" x 26"	4" x 3" x 42"	30" - 42"	NONE	4) 4'6" x 24"	16"	8'0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	36"	26"	4" x 3" x 42"	30" - 42"	NONE	2) 3'0" x 18"	9 1/2"	
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	2 HINGED STEEL & 1 HINGED TEAK DOORS - OPERATING BOTH SIDES.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	2 F.H.R. CHANNELS WITH 3 BOARDS. 3 HINGED TEAK & 2 HINGED STEEL DOORS - OPERATING BOTH SIDES.
Bridge, Forward Bulkhead ...	2 HINGED STEEL DOORS - OPERATING BOTH SIDES.
Forecastle Bulkhead ...	1 F.H.R. CHANNELS WITH 3 BOARDS. 2 HINGED TEAK & 2 HINGED STEEL DOORS - OPERATING BOTH SIDES.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	4 HINGED STEEL DOORS - OPERATING BOTH SIDES.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	2 SLIDING STEEL DOORS CLOSED BY HOOK (THESE DOORS CANNOT BE REMOVED FROM FRAME).
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:—

FIDDLEY OPENINGS ARE COVERED BY HINGED STEEL SHUTTERS.

E.R. SKYLIGHT STEEL WITH GLASS BULLS-EYES.

E. & B. ROOM VENTS ARE EFFICIENT.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

POOP DECK:— STEEL COMP. WITH HINGED TEAK DOOR OPERATING BOTH SIDES. SILL: 20"

	UPPER DECK.	BRIDGE.	PROM.		
	TO FOREPEAK	4 ESCAPE HATCHES IN BRIDGE	2 COAL HATCHES IN BRIDGE	2. COAL HATCHES.	COAL HATCH.
SIZE.	4'1" X 48"	2'1" X 30"	3'0" X 60"	7'3" X 46"	6'2" X 18'0"
COAMING.	9" X 3 1/2" N.B.S.	9" X 3 1/2" N.B.S.	9" X 3 1/2" N.B.S.	32" X 40"	10" X 38"
HATCHES.	3 W.P.	2 1/2 W.P.	2 1/2 W.P.	3 W.P.	3 W.P.
LAID.	T.	F & A.	F & A.	T.	F & A.
REST.	2"	2"	2 1/2"	2 1/2"	2 1/2"
CLEATS.	19"	19"	22"	19"	20"
TARP LNS	2 ✓	1 ✓	1 ✓	2 ✓	2 ✓

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

WELLS.
 2@ 19" DIA. COAM. 4'1" x 40"
 2@ 17" " " 7'10" x 38"
 2@ 17" " " 4'0" x 38"
 6@ 16" " " 4'0" x 38"
 2@ 13" " " 4'0" x 34"
 1@ 12" " " 4'0" x 34"
 2@ 11" " " 4'0" x 32"
 4@ 9" " " 4'0" x 32"
 POOP.
 3@ 12" DIA. COAM. 2'6" x 34"
 2@ 9" " " 2'9" x 32"
 3@ 6" " " 2'9" x 30"
 1@ 8 1/4" " " 2'6" x 40"

ALL COAMINGS ARE IN ACCORDANCE WITH RULE REQUIREMENTS & THOSE OVER 36" IN HEIGHT ARE EFFICIENTLY SUPPORTED.

CLOSING— WOOD PLUGS & CANVAS COVERS.

FO'CLE DECK.

2@ 16" DIA. COAM. 3'9" x 40"
 1@ 9" " " 3'0" x 32"
 3@ 8" " " 3'0" x 30"
 1@ 6" " " 3'0" x 30"
 1@ 8 1/4" " " 3'0" x 30" to Fo'cle Deck

BRIDGE.
 2@ 12" DIA. COAM. 10'3" x 34"
 2@ 9" " " 10'3" x 32"
 2@ 9" " " 2'7" x 32"
 3@ 6" " " 2'6" x 30"

* NOTE: THESE 4 VENTS PASS THRO' THE PROM. DECK.

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

FO'CLE DECK— 1@ 3 1/2" BORE x 21" & 1@ 2" BORE x 20" TO MOUTH.
 WELLS— 6@ 6" " x 36" TO MOUTH.
 BRIDGE— 8@ 6" " x 21" & 4@ 2" BORE x 22" TO MOUTH.
 POOP— 1@ 3 1/2" " x 19" TO MOUTH.

CLOSING— WIRE GAUZES OR WOOD PLUGS.



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Particulars of Gangway Cargo and Coaling Ports :—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :—

ALL SANITARY DISCHARGES BELOW THE FREEBOARD DECK ARE FITTED WITH STORM VALVES.
2 SCUPPERS LED FROM BRIDGE SPACE TO E.R. BILGES ARE FITTED WITH SHUT OFF COCK AT BOTTOM.

Particulars of Side Scuttles :—

HINGED DEADLIGHTS FITTED IN POOP, BRIDGE & FO'CLE SPACES.

Vertical distance of Sill of lowest Side Scuttle above top of keel. NO SIDE SCUTTLES BELOW FREEB^d DECK.

Particulars of Guard Rails :—

POOP & FO'CLE DECKS: 3 TIER RAILS 3'-4" HIGH. STANCHIONS SPACED ABOUT 4'-0" APART.
WELLS:- BULWARKS 4'-3" HIGH. RAIL 6"x3½" NBS. STAYS 6"x3" NBS. SPACED ABOUT 6'-0" APART.
BRIDGE:- DO 3'-6" DO. DO 6"x3½" NBS STIFFS. 6"x4"x48 T. " " 8'-0" "

Particulars of Gangways, Lifelines, etc. :—

2½" WIRE LIFELINES FITTED ON BOTH SIDES OF FOR^d & AFT WELL DECKS.
STANCHIONS SHIPPED TO UNDERSIDE OF BULWARK RAIL & SPACED ABOUT 12' APART.

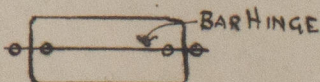
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	123' 3"	4' 3"	4-50' X 1-33'	5	30 φ	24-6 s.f.
Forward Well	114' 7"	4' 3"	3-75' X 1-33' 4-50' X 1-33'	4 1	26 φ	22-95 s.f.

State position of each freeing port { After Well :— 11' 6", 30'-0", 53'-0", 83'-3" & 106'-3" FROM BRIDGE END.
(F. and A. position and height above deck edge) { Forward Well :— 25' 3", 42'-6", 60'-3", 84'-0" & 103'-0" " FO'CLE SIDE HOUSE.

~~State whether~~ The freeing ports are fitted with shutters, bars, or rails, and give particulars of such :— HEIGHT ABOVE DECK 14" ✓

Additional area where sheer is less than standard.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
UPPER DECK.					BRIDGE PROM.				
Description of Hatchway	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 3.	No. 3.	
Dimensions of Hatchway	31' 6" x 21' 11 1/2"	36' 3" x 21' 11 1/2"	24' 2" x 21' 11 1/2"	12' 1" x 22' 0"	31' 5" x 21' 11 1/2"	31' 5" x 21' 11 1/2"	24' 2" x 19' 11 1/2"	21' 5" x 19' 11 1/2"	
COAMINGS	Height above Deck ... 31 1/2"	31 1/2"	10"	31 1/2"	31 1/2"	31 1/2"	31 1/2"	32"	
	Thickness ... 50"	50"	10" x 3 1/2" x 48"	50"	50"	50"	50"	44"	
	Sides ... 44"	44"	N.B.S.	44"	44"	44"	44"	44"	
	Stiffeners 7 x 3 x 40" B.A. ... AFT END.	FORE END.		AFT END.	F. & A. ENDS.	FORE END.		SIDES.	
	Brackets, Stays 2 1/2" DIA. ... 3 SIDES.	4 SIDES.		1 SIDES.	3 SIDES.	3 SIDES.		9" B.P.	
								2 SIDES.	
HATCH BEAMS	Number ... 4	5	3	1	4	4		3	
	Spacing ... 6' 3 1/2"	6' 0 1/2"	6' 0 1/2"	6' 0 1/2"	6' 3 1/2"	6' 3 1/2"		5' 5 1/4"	
	Scantling and Sketch ... 22 1/2" - 7 1/2" x 38"	AS SKETCH.	28" x 42"	AS SKETCH.				15" x 34"	
			TOP & BOTTOM PLATES.					9" x 55"	
	Bearing Surface ... 3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"		3"	
FORE AND AFTERS	Number ...								
	Spacing ...								
	Unsupported Lengths ...								
	Scantling* and Sketch ...								
	Bearing Surface ...								
HATCH COVERS	Material ... W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	11	W.P.	
	Thickness ... 3"	3"	4"	3"	3"	3"	11	3"	
	How fitted ... F. & A.	F. & A.	F. & A.	F. & A.	F. & A.	F. & A.	11	F. & A.	
	Bearing Surface ... 3' x 4 1/2"	3' x 4 1/2"	3 1/2' x 6"	3"	3' x 4 1/2"	3' x 4 1/2"	11	3' x 4 1/2"	
Spacing of Cleats	24"	24"	24"	24"	24"	24"	11	24"	
Number of Tarpaulins	2	2	2	2	2	2	11	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.

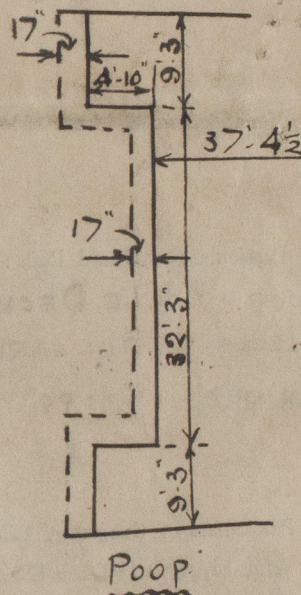
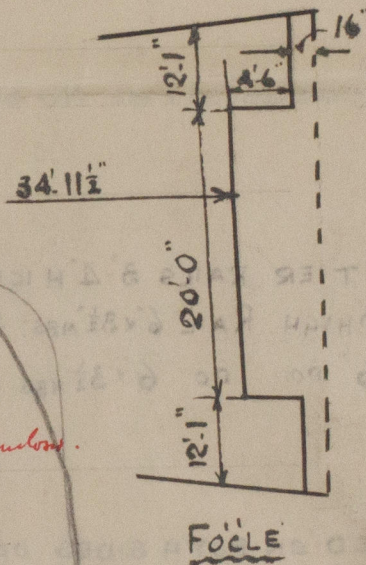
Particulars of any special features:—

DRAFT	DISPLAC ²	T. P. I.
24'	13156	51.00
25'	13770	51.35
26'	14388	51.75

M-L-D DRAFT 25' 4 1/4" = 14115 - 51.50.

$$\begin{array}{r} \text{Poop.} \\ \text{Sidebeams } 2 \times 4 \cdot 83 \times 9 \cdot 25 = 176 \\ \hline 50 \cdot 75 \quad 39 \cdot 13 \end{array}$$

$$\begin{array}{r} \text{Fore.} \\ \text{Sidebeams } 2 \times 4 \cdot 5 \times 12 \cdot 08 = 246 \\ \hline 44 \cdot 17 \quad 37 \cdot 42 \\ \text{Overhang } 5 \cdot 83 \\ \hline 2 \cdot 46 \\ \hline 3 \cdot 37 \text{ equivalent.} \end{array}$$



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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