

Lloyd's Register of Shipping.

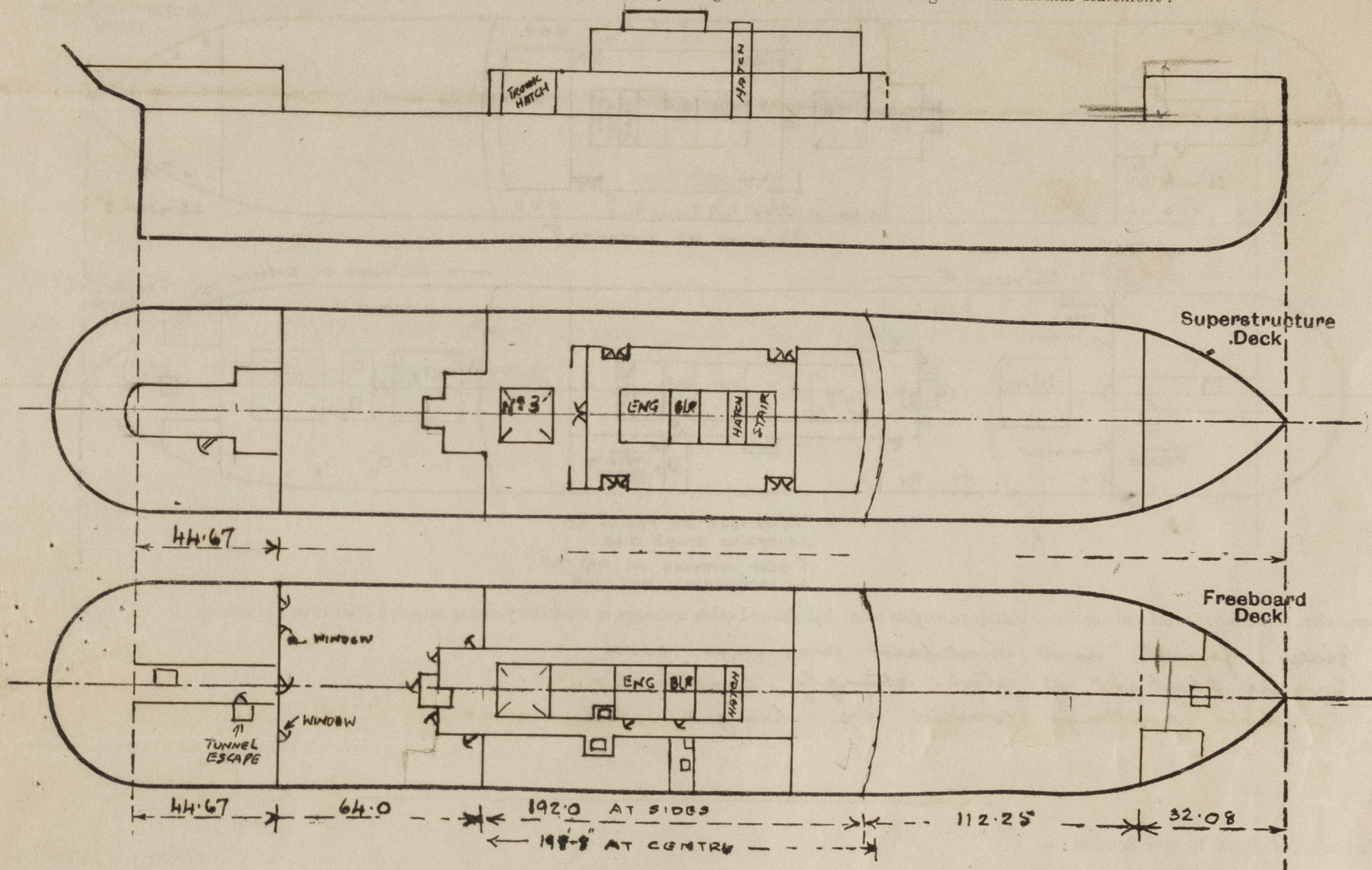
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

APR 28 1938

Ship's Name "UMGENI" Port of Survey Newcastle-upon-Tyne
 Official Number 166451 Surveyor's Signature W. J. Craig 25/4/38
 Nationality and Port of Registry British London Date of Survey whilst 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.

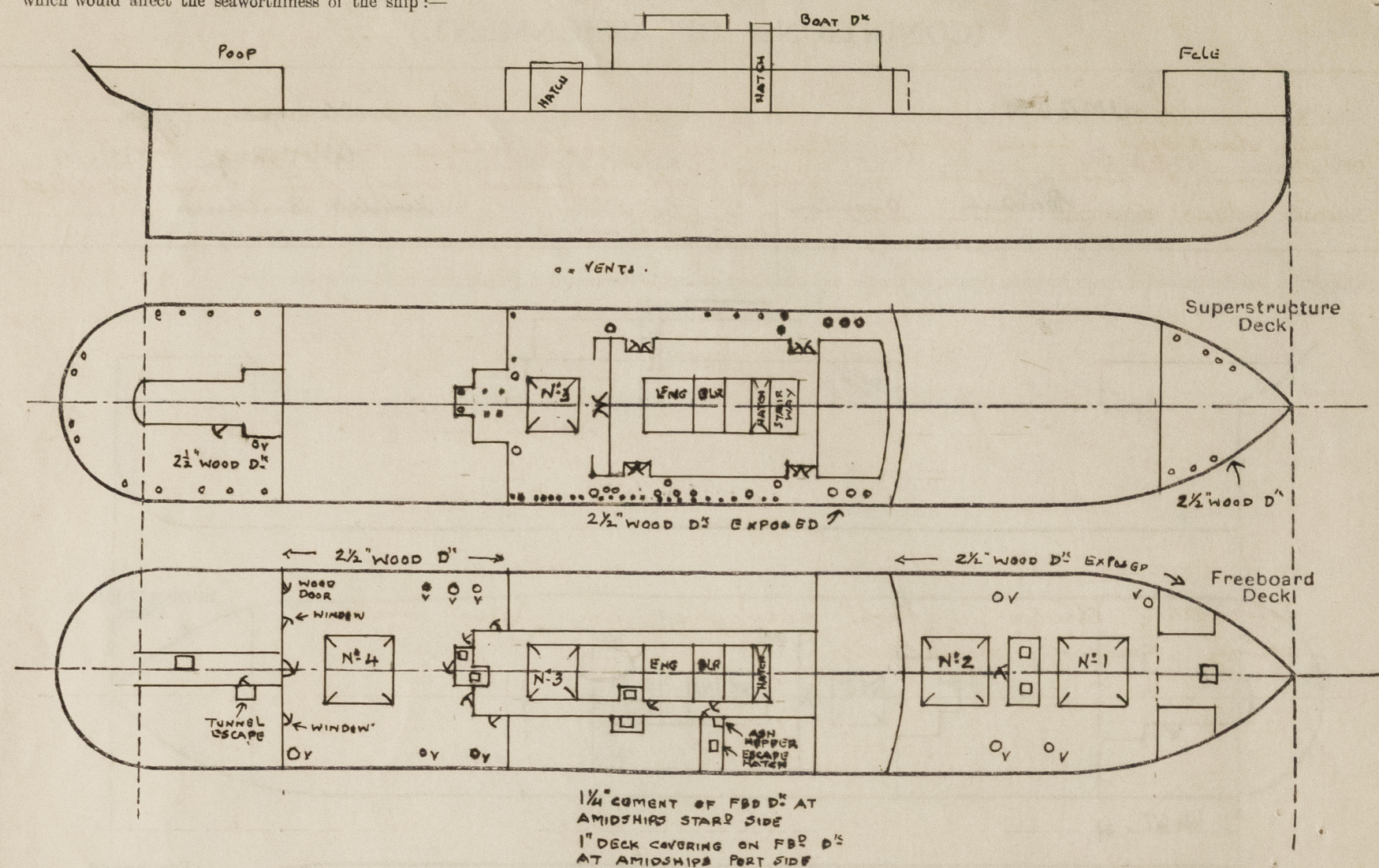
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead38	.38 ✓	6 x 3 x .32 BA	28 to 30	lugged	1 at 5'-0" x 2'-6" 2 at 3'-0" x 2'-3" 1 at 5'-0" x 2'-6"	16" 3'-3" 16" ✓	7'-6"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead32 ✓	4 x 3 x .34 + .36	28 to 32 ✓	none	4 at 5'-4" x 2'-5"	15 1/2" ✓	8'-6"
Bridge, Forward Bulkhead44 ✓	9 x 3 1/2 x .46 BA	20 1/2 to 30	lugged	none	—	8'-6"
Forecastle Bulkhead ...				open ✓				
Trunk, Aft ...				✓				
Trunk, Forward ...				✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...				none				
Exposed Machinery Casings on Superstructure Decks ...				none				
Machinery Casings within Superstructures not fitted with Class I Closing Appliances24	3 x 3 x .30 ✓	32" ✓	none	2 at 5'-8" x 2'-0"	10" ✓	8'-6"
Deckhouses on Flush Deck Ships ...				✓				

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

Poop Bulkhead ...	1 hinged steel door, and 2 hinged steel window covers operated from both sides 1-2" solid teak door operated from both sides ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	4-2" solid teak hinged doors operated from both sides ✓
Bridge, Forward Bulkhead ...	no openings ✓
Forecastle Bulkhead ...	open ✓
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 ...	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 fidley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Fidley, funnel and ventilator coamings good.
Engine skylight of steel strongly constructed.
Stokehold gratings covered by hinged steel covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:	Bridge deck house Entrances	Entrance to deck house on upper deck aft	Entrance to stairway in Poop deckhouse	To Tunnel escape in Poop space
Entrance to Main house upper deck forward.	4-1 1/2" (1" panels) hinged wood doors 5'0" x 4'2" operated from both sides 9" Sills.	Hinged steel door 5'0" x 2'0", operated from both sides 18" Sill.	1-1 1/2" solid hinged wood door 5'0" x 2'2" operated from both sides 13" Sill.	Hinged steel door 5'0" x 2'0" operated from both sides 11" Sill.
Hinged steel door 4'3" x 2'0", operated from both sides 24" Sill.	1-1 1/2" hinged wood door with 1" lower panel & upper part of glass at aft end of deckhouse, operated by hand crank 6'0" x 4'2" operated from both sides 9" Sills.			

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—	Bridge deck to below freeboard deck	Bridge deck to Bridge lower decks
Upper deck: 2-18" vents. Coamings 10'6" x 4'0" stayed. 4-18" " " 36" x 4'0" 2-15" " " 36" x 3'6" 2-9" " " 36" x 3'2" 1-12" (Steam) " 18" x 2'0" (on mast house top) 1-12" (Steam) " 10" x 2'0"	2-18" vents 4'0" tube to above Boat deck. 2-15" vents Coamings 30" x 36" 1-10 1/2" " 30" x 32" 1-10" (Steam) " 9" x 25" 1-8" " 30" x 25" 1-6" " (Steam) " 18" x 25" 6-6" 1/2" vents 18" high 3-5" " 18" high	4-18" vents Coamings 30" x 4'0" 2-12" " 30" x 34" 3-9" " 30" x 32" 1-8" " 30" x 30" 3-6" " 30" x 25" 18-5" 1/2" vents 18" high 5-6" 1/4" S.N. vents 18" high
Poof deck: 1-6" vent Coaming 30" x 25" 7-6" 1/2" vents 18" high 6-5" " 18" high		
Forecastle deck: 7-5" " 18" high		

Closing appliances supplied for all vent coamings except to 1/2" vents (See London letter 7.9.35. re "UMTATA")

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

Forecastle:	Upper 5":	Bridge 10":	Poof deck:
1-2 1/2" air pipe to No 1 D.B. tank 18" high	1-3" air pipe to No 1 D.B. tank 18" high	4-3" air pipe to No 3 D.B. 18" high	2-3" air pipe to A.P. tank 18" high
	2-2 1/2" air pipe to No 1 D.B. tank 18" high	4-3" air pipe to No 4 D.B. 18" high	
	1-2 1/2" air pipe to No 1 D.B. tank 18" high	4-3" air pipe to No 5 D.B. 18" high	
	4-3" air pipe to No 2 D.B. 18" high	2-2 1/2" air pipe to No 6 D.B. 18" high	
	2-2 1/2" air pipe to No 5 D.B. 18" high		
	2-2 1/2" air pipe to No 6 D.B. 18" high		

Closing appliances supplied for all air pipes.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

all discharges from Poof, Bridge & Forecastle spaces discharging below freeboard & second decks are fitted with balanced brass storm valves at shell. ash shoot hoppers have steel W.T. covers.

Particulars of Side Scuttles:—

Forecastle, Bridge, & Poof sidelights are fitted with strong hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 40'6"

Particulars of Guard Rails:—

Forecastle: 3 tier rails 3'6 1/2" with stanchions 4'6" apart.
Bridge: 4 " 3'6 1/2" " 4'9" "
Poof: 3 " 3'6 1/2" " 4'6" "

Particulars of Gangways, Lifelines, etc.:—

Provision for fitting lifelines in forward & after wells port & starboard.

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	64.0	3'6 1/2"	3.0 x 1.5	3	13.5 sq	12.90 sq
Forward Well	112.25	3'6 1/2"	2.75 x 1.5 4.25 x 1.5	1 3	4.13 sq 19.13 sq	22.40 sq

State position of each freeing port ... After Well: 5'3", 28'0", 49'6" from Bridge end
(F. and A. position and height above deck edge) Forward Well: 5'4", 17'3", 45'9", 75'0" Bridge front

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 1 1/2" bar & steel shutters hinged except in aftermost freeing port in after well where 3 vert bars fitted & steel shutters hinged.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.												
← FREEBOARD DECK →										BRIDGE DECK BOAT DECK		
Description of Hatchway	N° 1	N° 2	N° 4	Fore Peak	to aft Peak	to fore Hatch	to fore Hatch	to fore Hatch	to fore Hatch	to fore Hatch	to fore Hatch	
Dimensions of Hatchway	27'0" x 18'0"	34'8" x 20'0"	24'0" x 20'0"	4'0" x 3'0"	5'0" x 3'0"	2'0" x 2'0"	3'10" x 3'0"	2'0" x 1'9"	24'0" x 15'0"	6'0" x 15'0"		
COAMINGS	Height above Deck ... 24" ✓ Thickness ... 1/4" ✓ Stiffeners ... 7" B.A. ✓ Brackets, Stays ... 2 ✓	Height above Deck ... 24" ✓ Thickness ... 1/4" ✓ Stiffeners ... 7" B.A. on aft end ✓ Brackets, Stays ... 3 ✓	Height above Deck ... 24" ✓ Thickness ... 1/4" ✓ Stiffeners ... 7" B.A. on fore end ✓ Brackets, Stays ... 2 ✓	Height above Deck ... 18" ✓ Thickness ... 1/4" ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 9" ✓ Thickness ... 1/4" ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 9" ✓ Thickness ... 1/4" ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 13" ✓ Thickness ... 1/4" ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 9" ✓ Thickness ... 1/4" ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 2 1/2" steel ✓ Thickness ... 1/4" ✓ Stiffeners ... 6" wood ✓ Brackets, Stays ... 4 ✓	Height above Deck ... 2 1/2" steel ✓ Thickness ... 1/4" ✓ Stiffeners ... 6" wood ✓ Brackets, Stays ... 4 ✓	Height above Deck ... 15 1/2" ✓ Thickness ... 1/4" ✓ Stiffeners ... 6" wood ✓ Brackets, Stays ... 4 ✓	
HATCH BEAMS	Number ... 5 ✓ Spacing ... 4'6" ✓ Scantling and Sketch ... 7" x 11" at ends ✓ Bearing Surface ... 3" ✓	Number ... 6 ✓ Spacing ... 5'0" ✓ Scantling and Sketch ... 7" x 11" at ends ✓ Bearing Surface ... 4" ✓	Number ... 4 ✓ Spacing ... 4'7 1/2" ✓ Scantling and Sketch ... 7" x 11" at ends ✓ Bearing Surface ... 4" ✓						Insulated hatches	Insulated hatches		
FORE AND AFTERS	Number ... none ✓ Spacing ... none ✓ Unsupported Lengths ... none ✓ Scantling* and Sketch ... none ✓ Bearing Surface ... Insulated hatches and ✓	Number ... none ✓ Spacing ... none ✓ Unsupported Lengths ... none ✓ Scantling* and Sketch ... none ✓ Bearing Surface ... Insulated hatches and ✓	Number ... none ✓ Spacing ... none ✓ Unsupported Lengths ... none ✓ Scantling* and Sketch ... none ✓ Bearing Surface ... Insulated hatches and ✓						See Companion for particulars of entrance doors to deck houses			
HATCH COVERS	Material ... wood ✓ Thickness ... 2 1/2" ✓ How fitted ... F+A ✓ Bearing Surface ... 3" ✓	Material ... wood ✓ Thickness ... 2 1/2" ✓ How fitted ... F+A ✓ Bearing Surface ... 3" ✓	Material ... wood ✓ Thickness ... 2 1/2" ✓ How fitted ... F+A ✓ Bearing Surface ... 3" + 2 1/4" ✓	Material ... wood ✓ Thickness ... 2 1/2" ✓ How fitted ... F+A ✓ Bearing Surface ... 2 1/2" ✓	Material ... steel ✓ Thickness ... 1/4" ✓ How fitted ... latch ✓ Bearing Surface ... 2 1/2" ✓	Material ... steel ✓ Thickness ... 1/4" ✓ How fitted ... latch ✓ Bearing Surface ... 2 1/2" ✓	Material ... steel ✓ Thickness ... 1/4" ✓ How fitted ... latch ✓ Bearing Surface ... 2 1/2" ✓	Material ... steel ✓ Thickness ... 1/4" ✓ How fitted ... latch ✓ Bearing Surface ... 2 1/2" ✓	Material ... steel ✓ Thickness ... 1/4" ✓ How fitted ... latch ✓ Bearing Surface ... 2 1/2" ✓	Material ... wood ✓ Thickness ... 2 1/2" ✓ How fitted ... F+A ✓ Bearing Surface ... 3" ✓	Material ... wood ✓ Thickness ... 2 1/2" ✓ How fitted ... F+A ✓ Bearing Surface ... 3" ✓	
Spacing of Cleats	24" ✓	24" ✓	24" + 19" ✓	18" + 23" ✓	10 Toggles ✓	3 Toggles ✓	4 Toggles ✓	10 Toggles ✓	21 1/2" + 24" ✓	22" + 24" ✓		
Number of Tarpaulins	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓		
<p>*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/> yes</p> <p>Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> yes</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> yes</p> <p>Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/> yes</p>												

Particulars of any special features:—

The class of this vessel is +100 A.1 with freeboard corresponding to a moulded draft of 25' 4 1/2" ^{1 1/2"} Full draft 25' 6"

The watertight subdivision is stated to have been approved by the Board of Trade for a moulded draft of 25' 4 1/2".

85% moulded depth = 30' 2" = 30' 3 3/4" to bottom of keel.

Moulded displacement at 30' 3 3/4" to bottom of keel = 16774 tons (including and crew's stores)

unshell displacement at 25' 0" " " " = 13474 " "

" " " 26' 0" " " " = 14106 " "

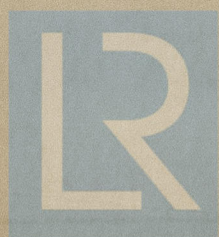
Tons per inch mld at 25' 0" " " " = 52.72 " "

" " " 26' 0" " " " = 53.11 " "

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.

W. J. Craig



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