

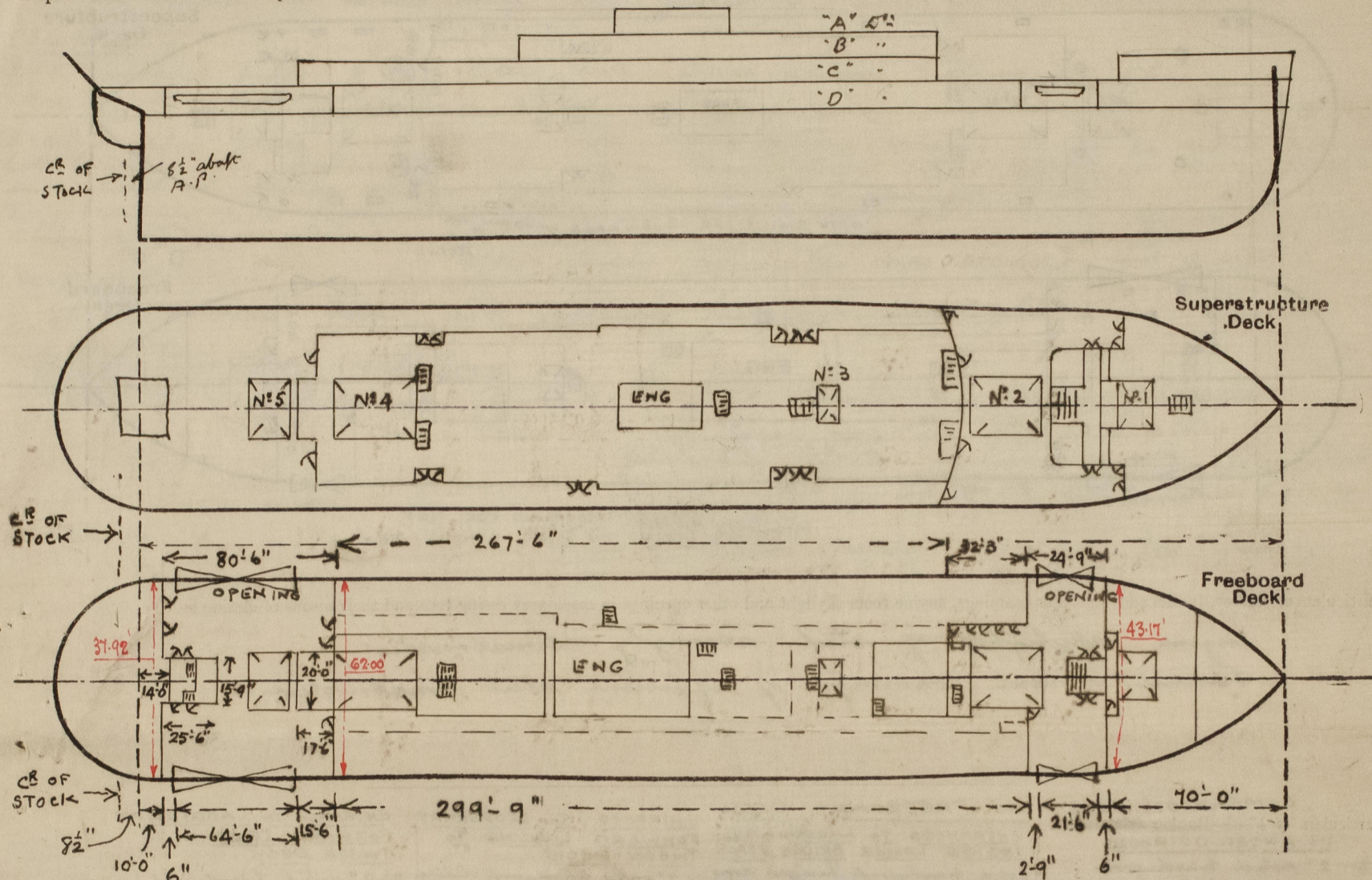
# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

Ship's Name **"SOBIESKI"** Port of Survey **Newcastle - upon - Tyne.**  
 Official Number *not yet received* Surveyor's Signature *W. J. Craig*  
 Nationality and Port of Registry **POLISH. Gdynia.** Date of Survey **April 1939.**  
*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.

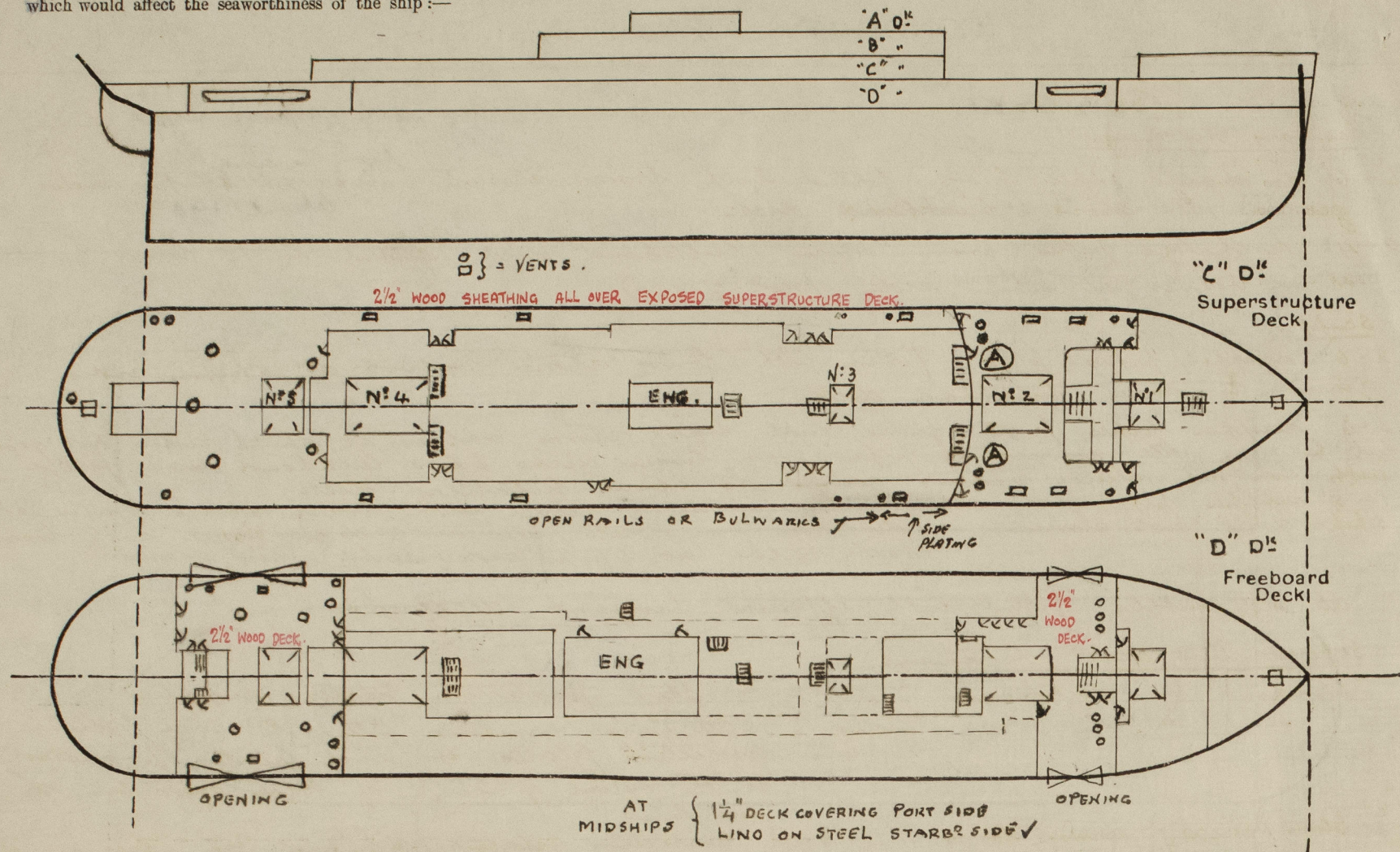
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.30	.30	3 x 2 1/2 x 30 L + 2" solid 1/2 round	26" 6 1/4"	none	2 at 5'-5" x 2'-2"	12"	8'-0"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	.30	.30	3 1/2 x 3 x 36 L	30"	none	2 at 5'-0" x 3'-2" 1 at 5'-0" x 4'-2"	18"	8'-0"
Bridge, Forward Bulkhead ...	.26 + .30	.26 + .30	3 1/2 x 3 x 36 L with 3 x 3 x 38 rec. A.	27" 6 3/8"	built at Top in 1st & 2nd Trunk & at ch.	1 at 4'-6" x 2'-4" 1 at 4'-6" x 3'-0" 4 at 5'-3" x 2'-0"	21" 21" 12"	8'-0"
Forecastle Bulkhead ...	.26	.26	3 x 2 1/2 x 30 L	30"	welded at bottom	2 at 5'-3" x 2'-0"	12"	8'-0"
Trunk, Aft ...				✓				
Trunk, Forward ...				✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...			none	is posed				
Exposed Machinery Casings on Superstructure Decks ...			none	is posed				
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.26	.26	3 1/2 x 3 x 36 L	30"	brackets at top on alternate beams	2 at 5'-6" x 2'-3"	9"	8'-0"
Deckhouses on Flush Deck Ships ...				✓				

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

Poop Bulkhead ...	1 7/8" solid hardwood hinged doors operated from both sides ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	1 7/8" solid hardwood hinged doors operated from both sides ✓
Bridge, Forward Bulkhead ...	1 7/8" solid hardwood hinged doors operated from both sides ✓
Forecastle Bulkhead ...	1 7/8" solid hardwood hinged doors operated from both sides ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ..	none exposed ✓
Exposed Machinery Casings on Superstructure Decks ...	none exposed ✓
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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:-

Engine skylight of steel strongly constructed  
Funnel + vent coamings of efficient steel construction

## COMPANIONWAYS.

Particulars of Hatch Bunker Scuttles:-

2-2" solid hardwood doors 4'8" x 2'6" operated from both sides  
Sills 21"  
1-4'8" x 2'6" similar. Sill 21"

Particulars of Companionways:-

5 doorways 5'4" x 4'1" with 5'1" x 2'6" sills  
17 1/2" paneled hardwood louver doors with armoured glass panels on top halves. Sills 15"  
1/2" steel protection plates supplied for glass

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

## UPPER FORECASTLE

1-12" vent to store coaming 36" x 36"  
1-15" " " " 36" x 36"  
3-9" " " " 36" x 36"  
1-12" " " " 36" x 36"  
2-13" " " " 36" x 42"  
4-6" x 14" gorsewick vents 36" high  
2-21" derrick post vents efficiently stiffened and supported

## SHELTER DECK FORWARD

2-6" x 4" gorsewick vents to transverse 36" high  
4-15" 11" double gorsewick vents 30" high with hinged steel covers x 40" thick  
2-15" vents to hold coaming 36" x 36"  
2-21" derrick post vents efficiently stiffened and supported

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

## FORECASTLE DECK

1-3" air pipes to Fore Peak 18" high with relief valve and fitted  
1-3" " " " No 1 Tank 12 1/2" " " Tyros valve on deck

## FREEBOARD DECK

7-3" air pipes to Tanks 12 1/2" high with Tyros valve on deck  
1-4" " " " A.P. Tank 36" high

## SHELTER DECK

9-2" air pipes to cofferdams 35" high  
1-2 1/2" " " after peak 34" "

## on FREEBOARD DECK

ENTRANCES TO LADDERWAYS

1-2" solid hardwood sliding door 4'9" x 3'6" operated from both sides  
Sills 21"

## ENTRANCE TO LADDERWAY FORWARD LEADING TO TWEEN DECK

2-2" solid hardwood louver doors 4'8" x 4'3" operated from both sides  
Sills 21"

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Particulars of Gangway Cargo and Coaling Ports:-

2 cargo doors p.s. 5'8" x 3'6" fitted with hinges & 12 clamps  
& rubber jointed. Sill of lowest door 29'2" above top of keel

Particulars of Scuppers and Sanitary Discharge Pipes:-

## Sanitary discharges:-

6-6" discharge pipes p.s. fitted with brass storm valves at ship's side geared to above bulkhead deck

2-4" discharge pipes from above bulkhead deck fitted with brass storm valves at ship's side (not geared)

## Scuppers

2-6" scupper pipes p.s. fitted with brass storm valves at ship's side geared to above bulkhead deck

3-6" scupper pipes p.s. fitted with brass storm valves at ship's side not geared but having all connecting pipes from tween decks below bulkhead deck fitted with control valves geared to above bulkhead deck  
1-5" scupper pipe from above bulkhead deck fitted with brass storm valve at ship's side (not geared). 1 discharge from Potable water on C deck fitted with brass storm valve at ship's side (starboard) not geared

Particulars of Side Scuttles:-

All side scuttles fitted with efficient louvered deadlights

## Superstructure deck deckhouses

Windows in deckhouse front:- Steel protection plates supplied  
" " " " sides:- All large windows fitted to take steel protection plates & such plates provided to the extent of 25% of total number of windows  
Glass paneled wood doors:- Steel protection plates supplied for glass panels

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

33'0"

Particulars of Guard Rails:-

Upper Forecastle:- 4 tier rails 3'6" high and stanchions 4'6" apart  
Shell deck amidships:- Railways 3'6" high with 8 openings fitted with 4 tier rails & the openings being 5' at 4'0" long, 1 at 7'11" long, 1 at 6'7" long & 1 at 3'4" long  
Shell " aft:- Open rails fitted abaft above bulwark, 5 tier rails 3'6" high with stanchions 4'6" apart

Particulars of Gangways, Lifelines, etc.:-

Not required

## 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	80'6"	3'7"	3'0" x 1'6" also 7'0" length of open rails	2 ✓ 1 ✓		
Forward Well	66'6"	3'7"	3'0" x 1'6"	2		
	24'9"	4'10"	3'0" x 1'6"	2 ✓		

State position of each freeing port ... (After Well:- 3rd dk from bridge end 21'3" to F.P. 45'0" to open rails 71'0" to F.P. 10" above deck edge  
(F. and A. position and height above deck edge) Forward Well:- Shell " " Upper Bridge from 6'3" to F.P. 34'3" to F.P. 10" above deck edge  
3rd " " Lower " " 2'9" to 18'3" to F.P. 12" above deck edge.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:- Longitudinal bars & shutters

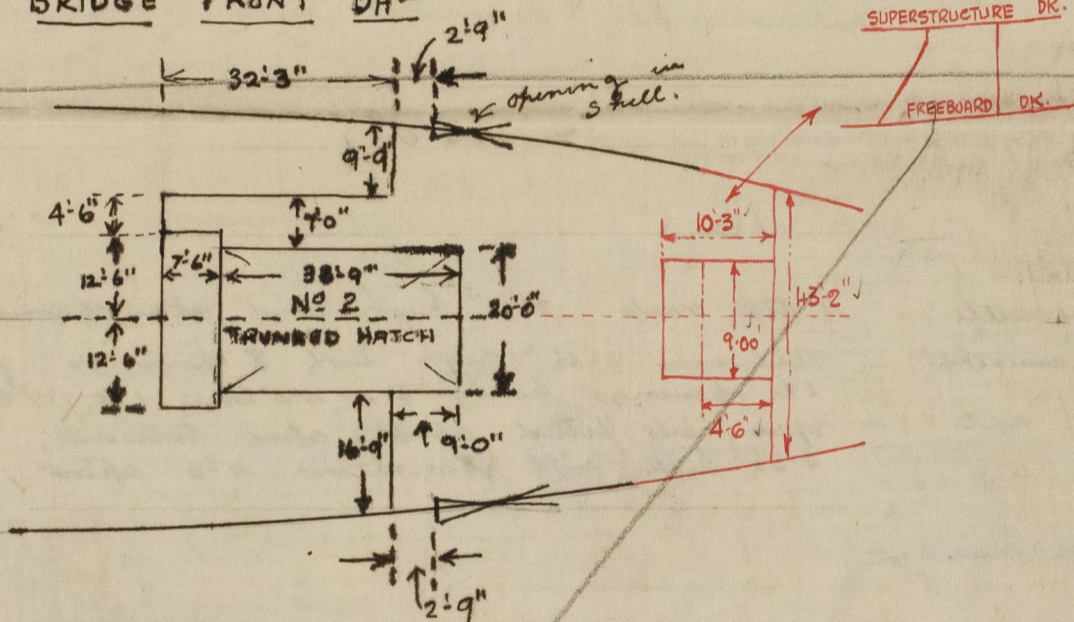
Additional area where sheer is less than standard.

# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
← F&LE (B) D* → UPPER BRIDGE B* D* ← SHELTER "C" DECK → UPPER "D" D* FROMHABE "A" D* UPPER "D" DECK											
Description of Hatchway	Go 4th	N°1	N°4	Go 4th Peak	N°2	N°5	2nd aft 5th	N°5	N°3	To F.P.	
Dimensions of Hatchway	2'-0" x 2'-6"	22'-6" x 14'-0"	32'-6" x 20'-0"	2'-0" x 3'-0"	33'-9" x 20'-0"	20'-0" x 20'-0"	2'-0" x 2'-6"	20'-0" x 20'-0"	12'-6" x 14'-0"	2'-0" x 3'-0"	
COAMINGS	Height above Deck	24" ✓	30" ✓	30" ✓	9" BA ✓	30" ✓	30" ✓	30" ✓	30" ✓	18" ✓	2 1/2" x 40" angle ✓
	Thickness	40 ✓	44 ✓	44 ✓	40 ✓	44 ✓	44 ✓	44 ✓	44 ✓	44 ✓	combing ✓
	Stiffeners		7" B.A. ✓	7" B.A. ✓		7" B.A. ✓	7" B.A. ✓	7" B.A. ✓	7" B.A. ✓		
	Brackets, Stays		2 ✓	3 ✓		3 ✓	1 ✓	1 ✓			
HATCH BEAMS	Number		4 ✓	6 ✓		6 ✓	3 ✓	3 ✓	2 ✓		
	Spacing		4'-6" ✓	4'-7 1/2" ✓		4'-10" ✓	5'-0" ✓	5'-0" ✓	4'-2" ✓		
	Scantling and Sketch		I	I		I	I	I	I		
	Bearing Surface	✓	10 x 6 x 40 lb joists ✓	15 x 6 x 45 lb joists ✓	✓	20 x 6 x 65 lb joists ✓	20 x 6 x 65 lb joists ✓	20 x 6 x 65 lb joists ✓	10 x 6 x 40 lb joists ✓	✓	
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling* and Sketch	✓	Trunked hatch 6'-0" deck. 25' plating with 2 1/2" solid half rounds. 36" apart ✓	Trunked hatch 6'-0" deck. 25' plating with 2 1/2" solid half rounds. 36" apart ✓	✓	Trunked hatch 6'-0" deck. 25' plating with 2 1/2" solid half rounds. 36" apart ✓			Trunked hatch 6'-0" deck. 25' plating with 2 1/2" solid half rounds. 36" apart ✓	✓	
HATCH COVERS	Material	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood
	Thickness	2 1/2" ✓	3" ✓	3" ✓	2 1/2" ✓	3" ✓	3" ✓	2 1/2" ✓	2 1/2" ✓	2 1/2" ✓	2 1/2" ✓
	How fitted	ath.	F.A. ✓	F.A. ✓	ath.	F.A. ✓	F.A. ✓	F.A. ✓	F.A. ✓	F.A. ✓	ath.
	Bearing Surface	2 1/2" ✓	3" x 2 3/4" ✓	3" x 2 3/4" ✓	3" ✓	3" ✓	3" ✓	3" ✓	3" x 2 3/4" ✓	3" ✓	3" ✓
Spacing of Cleats		12" x 18" ✓	18" ✓	24" ✓	12" ✓	24" ✓	21" x 23" ✓	19" ✓	21" x 23" ✓	18" x 24" ✓	24" ✓
Number of Tarpaulins		2 ✓	2 ✓	2 ✓	1 ✓	2 ✓	2 ✓	2 ✓	2 ✓	2 ✓	1 ✓
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? ✓</p> <p>Are lashings provided in accordance with rule requirements? ✓</p> <p>TWOEN D* UNDER HAS LARGE OPENINGS IN SHELL.</p>											

## BRIDGE FRONT BHOS

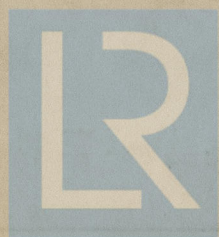
Particulars of any special features:—



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.

*Logan*  
24.4.39.



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