

21 MAR 1950

## Lloyd's Register of Shipping.

Index No. 42000  
(For London Office only).

## SURVEYS FOR FREEBOARD.

22 OCT

(CONDITIONS OF ASSIGNMENT.)

GRK. REPORT NO 23988.

Ship's Name "NORDBO"

Port of Survey PORT GLASGOW.

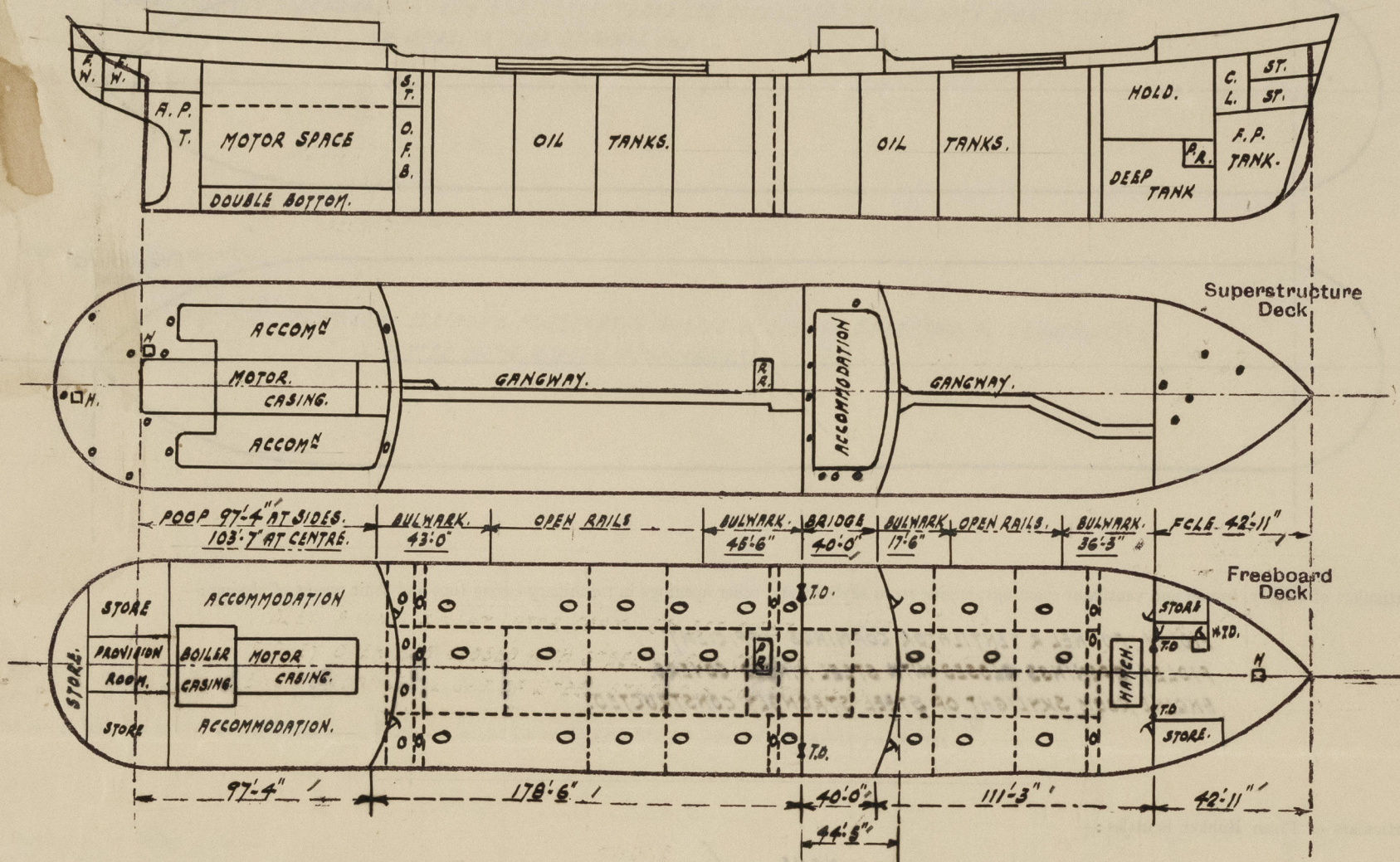
Official Number

Surveyor's Signature *J. J. Jamieson*

Nationality and Port of Registry NORWEGIAN.

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 Bulkhead ...	-	44"	9" x 4" x 43" A.T.O.	30" - 20"	WELDED	2-5'-0" x 2'-0"	18"	7'-6"
<del>Raised Quarter Deck Bulkhead ...</del>								
Bridge, After Bulkhead ...	-	30"	4" x 3/8" FLAT BAR	33"	BKTS AT TOP WELDED AT BOTTOM	2-5'-0" x 4'-1"	18"	7'-6"
Bridge, Forward Bulkhead ...	-	46"	9" x 4" x 48" A.T.O.	33"	WELDED	2-5'-3" x 2'-8"	18"	7'-6"
Forecastle Bulkhead ...	-	30"	4" x 3" x 32" A.	27" - 29 1/2"	WELDED	2-5'-0" x 4'-1" 2-5'-0" x 2'-3" 1-5'-0" x 2'-0"	18"	7'-6"
<del>Trunk, Aft ...</del>								
<del>Trunk, Forward ...</del>								
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 Appliances ...			NONE					
PUMP ROOM ENTRANCE. Deckhouses on Flush Deck Ships ...	40"	6" x 3" x 36"		24"	BKTS AT TOP WELDED AT BOTTOM	1-4'-0" x 2'-3"	24"	7'-6"

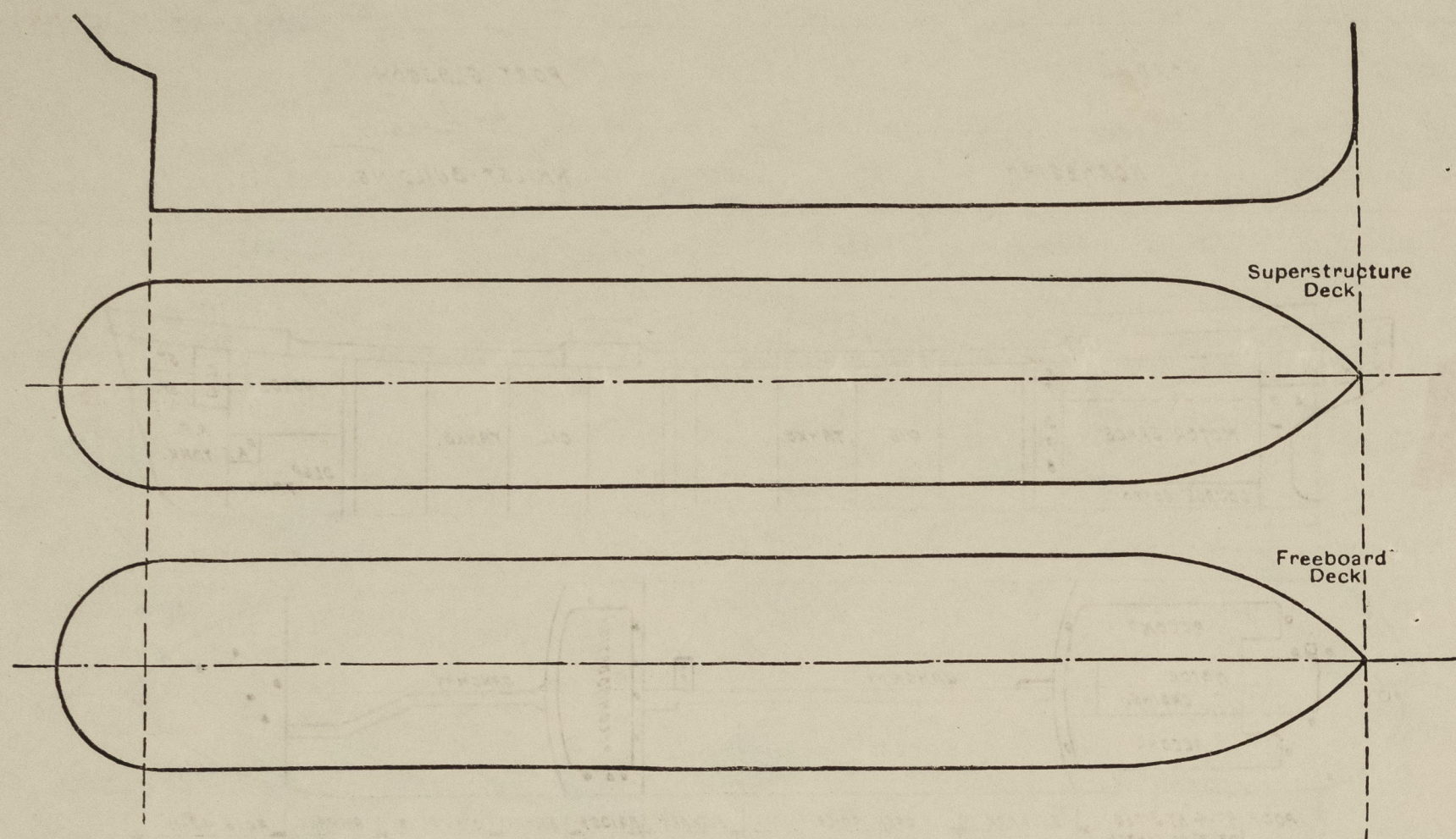
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	2 HINGED STEEL W.T. DOORS. MANIPULATED FROM BOTH SIDES. ✓
<del>Raised Quarter Deck Bulkhead ...</del>	
Bridge, After Bulkhead ...	2 OPENINGS CLOSED BY STEEL PLATES SECURED BY HOOK BOLTS NOT PASSING THROUGH BULKHEAD. BOLTS 16" APART. ✓
Bridge, Forward Bulkhead ...	2 HINGED STEEL W.T. DOORS. MANIPULATED FROM BOTH SIDES. ✓
Forecastle Bulkhead ...	2 OPENINGS CLOSED BY STEEL PLATES SECURED BY HOOK BOLTS NOT PASSING THROUGH BULKHEAD. BOLTS 15" APART. & 3 STEEL DOORS. MANIPULATED FROM BOTH SIDES. ✓
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 ...	
PUMP ROOM ENTRANCE Deckhouses on Flush Deck Ships ...	HINGED W.T. DOOR. (STEEL) MANIPULATED 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:—

FIDLEY, FUNNEL & VENTILATOR COAMINGS EFFICIENT. ✓  
FIDLEY OPENINGS CLOSED WITH STEEL HINGED COVERS. ✓  
ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED. ✓

Particulars of Flush Bunker Scuttles:—

NONE /

Particulars of Companionways:—

ENTRANCE TO PUMP ROOM. FOR PARTICULARS SEE PAGE 1. ✓

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

FORECASTLE DECK: 1-6" DIA. TO STORE ROOM. COAMING 36" x 32" ✓  
5-10" " " F/CLE TWEEEN DECKS & HOLD. COAMING 36" x 32" ✓  
UPPER DECK: 2-24" DIA. DERRICK POST VENTS TO PUMP ROOM (STAYED.) ✓  
POOP DECK: 4-14" DIA. WITH LIVERPOOL HEADS TO POOP TWIN DECKS. COAMING 30" x 36" ✓  
1-6" DIA. TO LAUNDRY. COAMING 30" x 30" ✓  
3-10" " " " & STORES. " 30" x 32" ✓  
2-8" " " STEERING GEAR COMPT. " 30" x 30" ✓  
1-6" " " ROPE STORE. " " " ✓  
BRIDGE DECK: 3-12" " " TWEEEN DECKS. " 30" x 36" ✓  
2-6" " " M.V. TO CYRO ROOM " " " ✓  
1-6" " " TO ELECT. STORE " 30" x 30" ✓  
1-8" " " STEWARDS STORE " " " ✓  
F/CLE & POOP DECKS: 10-6" DIA. S.N. TO ACCOMMODATION STORES. 21" TO LIP. ✓  
VENTILATORS PROVIDED WITH HOOD PLUGS & CANVAS COVERS. ✓

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

FORECASTLE DECK: 2-4" DIA. TO FORE PEAK TANK. 18" TO LIP ✓  
2-4" " " O.F. DEEP TANK. 18" " " ✓  
UPPER DECK: 4-3" " " COFFERDAMS 6" " " ✓  
4-4" " " O.F. BUNKERS & SETTLING TANKS. 6" TO LIP. ✓  
POOP DECK: 4-4" " " DOUBLE BOTTOM TANKS. 18" TO LIP. ✓  
2-2" " " " COFFERDAM 18" " " ✓  
2-4" " " AFTER PEAK TANK. 18" " " ✓  
AIR PIPES PROVIDED WITH GAUZE OR WOOD PLUGS AS REQUIRED BY THE RULES. ✓  
" " " " W.T. STEEL HINGED COVERS. (COFFERDAMS). ✓

Particulars of Gangway Cargo and Coaling Ports:—

NONE /

Particulars of Scuppers and Sanitary Discharge Pipes:—

FROM FORECASTLE TWEEEN DECKS SCREENED PLUG ON FORECASTLE FRONT BULKHEAD. ✓  
" BRIDGE " " " " BRIDGE END BULKHEAD. ✓  
" POOP TWEEEN DECKS LED OVERBOARD & FITTED WITH STORMVALVES ON SHELL AND BRASS SCREENED NON DETACHABLE PLUG AT INNER END. ✓  
FROM UPPER DECK LED OVERBOARD THREE OPENINGS IN STRINGER BAR. ✓

SANITARY DISCHARGES: FROM SUPERSTRUCTURES LED OVERBOARD & FITTED WITH STORMVALVES ON SHELL & TRAP AT INNER END. ✓

Particulars of Side Scuttles:—

POOP SPACE 12" DIA. BRIDGE & FORECASTLE SPACES 10" DIA. OF SUBSTANTIAL CONSTRUCTION & FITTED WITH HINGED DEADLIGHTS. ✓

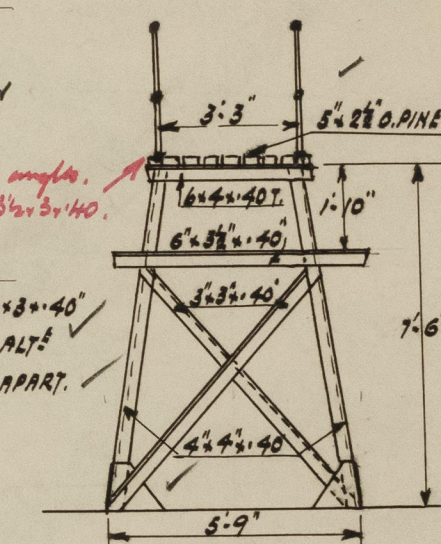
Vertical distance of Sill of lowest Side Scuttle above top of keel NO SCUTTLES BELOW FREEBOARD DECK. ✓

Particulars of Guard Rails:—

UPPER, POOP & FORECASTLE DECKS: RAILS 3'6" HIGH, 3 RODS. STANCHIONS SPACED 8'0" APART. ✓  
BRIDGE DECK: BULKHEADS 3'6" HIGH, STRONGLY CONSTRUCTED & EFFICIENTLY SUPPORTED. ✓

Particulars of Gangways, Lifelines, etc.:—

FORE & AFT GANGWAY FITTED FROM POOP TO BRIDGE & FROM BRIDGE TO F/CLE. SUPPORT 8'0" APART. ✓  
SCANTLINGS AS PER SKETCH (RIVETED & WELDED). ✓



## Particulars of Freeing Arrangements.

	LENGTH OF WELL.	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	178'6"	FORE END 45'6" AFT END 43'0"	3'6"	36" x 18"	2. 2.	+ open rails for half length of well	
Forward Well	111'25"	FORE END 36'3" AFT END 17'6"	3'6"	36" x 18"	1. 1.	Dicto.	

State position of each freeing port ... (After Well:— 1'0" x 28'0" FROM POOP, 1'0" x 31'6" FROM BRIDGE (F. and A. position and height above deck edge) Forward Well:— 1'0" FROM BRIDGE & 22'6" FROM FORECASTLE.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— FREEING PORTS FITTED WITH 3 VERTICAL BARS 9" APART 12" ABOVE DECK. ✓

Additional area where sheer is less than standard.



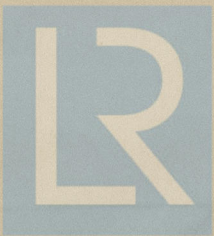
PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway			CARGO	OILTIGHT CARGO HATCHES.	ON TOP OF CARGO HATCH.				
Dimensions of Hatchway			9'0" x 15'0"	26'5" x 3'6"	2'6" x 4'2"				
COAMINGS	{	Height above Deck	30"	29"-30"	6"	SMALL HATCHES.			
		Thickness	44"	50"	40"	3 MANHOLES TO FORWARD COFFERDAM. 24" x 19" UPPER DECK			
		Sides	44"	50"	40"	3 " " AFTER 24" x 19" " " "			
		Ends	44"	50"	40"	4 " " OIL FUEL BUNKERS. 24" x 19" " " "			
		Stiffeners	6" x 3" x 400 LBS.	-	-	2 " " MIDSHIP COFFERDAM 24" x 19" " " "			
Brackets, Stays			SIDES & ENDS.	-	-	COAMINGS 12" x 44" H.T. STEEL COVERS SECURED BY TOGGLES 9" APART. ✓			
HATCH BEAMS	{	Number				POOP DECK:			
		Spacing				TO ROPE STORE: 2'9" x 2'9" 6" x 40" COAMING.			
		Scantling and Sketch				TO PROVISION ROOM: 2'4" x 3'0" " " " ✓			
Bearing Surface						FITTED WITH H.T. STEEL COVERS 40" THICK. SECURED BY TOGGLES. ✓			
FORE AND AFTERS	{	Number				UNDER FORECASTLE:			
		Spacing				TO STORE: 4'2" x 3'0" 9" x 3" x 40" COAMING. ✓			
		Unsupported Lengths				H.T. STEEL COVER 40" THICK. SECURED BY TOGGLES.			
		Scantling and Sketch							
		Bearing Surface				FORECASTLE DECK:			
Bearing Surface						TO F/CLE SPACE: 18" x 23" 3" x 3/8" COAMING. H.T. STEEL COVER 40" THICK. SECURED BY TOGGLES.			
HATCH COVERS	{	Material	STEEL	STEEL	STEEL				
		Thickness	40" STIFFENED	50" /	40" /				
		How fitted	6" x 50" PLATS HINGED	HINGED	HINGED				
		Bearing Surface	SPACED 2'8" W.T.	OILTIGHT	W.T.				
Spacing of Cleats			TOGGLES	TOGGLES	TOGGLES				
Number of Tarpaulins			24" APART.	15 1/2" APART.	14" APART.				
*Are wood fore and afters steel shod at all bearing surfaces? -									
Are battens and wedges efficient and in good condition? -									
Are tarpaulins in good condition and in accordance with rule requirements? -									
Are lashings provided in accordance with rule requirements? -									

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.



© 2020

Lloyd's Register Foundation