

Lloyd's Register of Shipping.

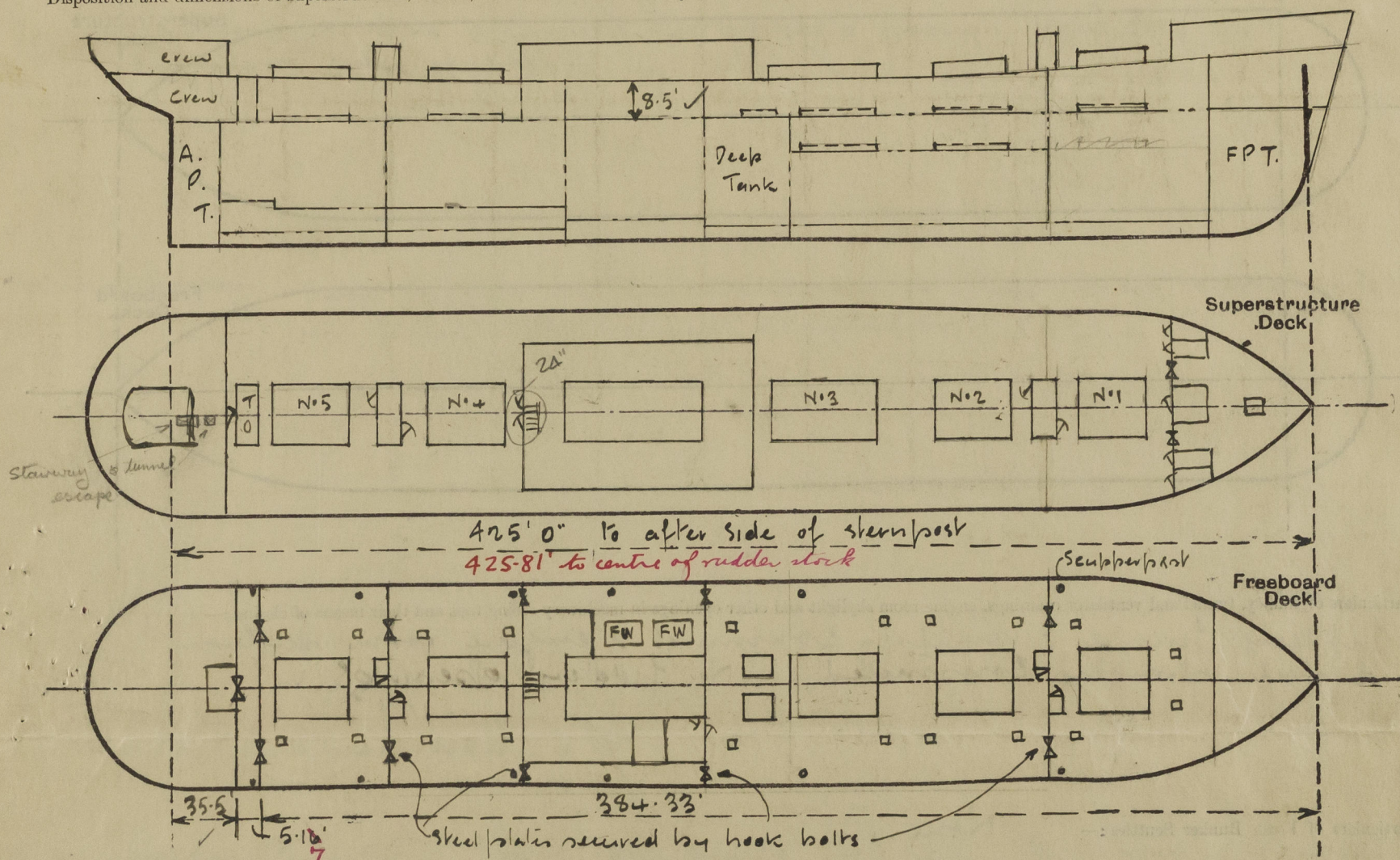
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

No. 34842.

Ship's Name "Fernland" Port of Survey Sunderland.
 Official Number _____ Surveyor's Signature Gas Rennie
 Nationality and Port of Registry Norwegian. Oslo. Date of Survey Whit 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.

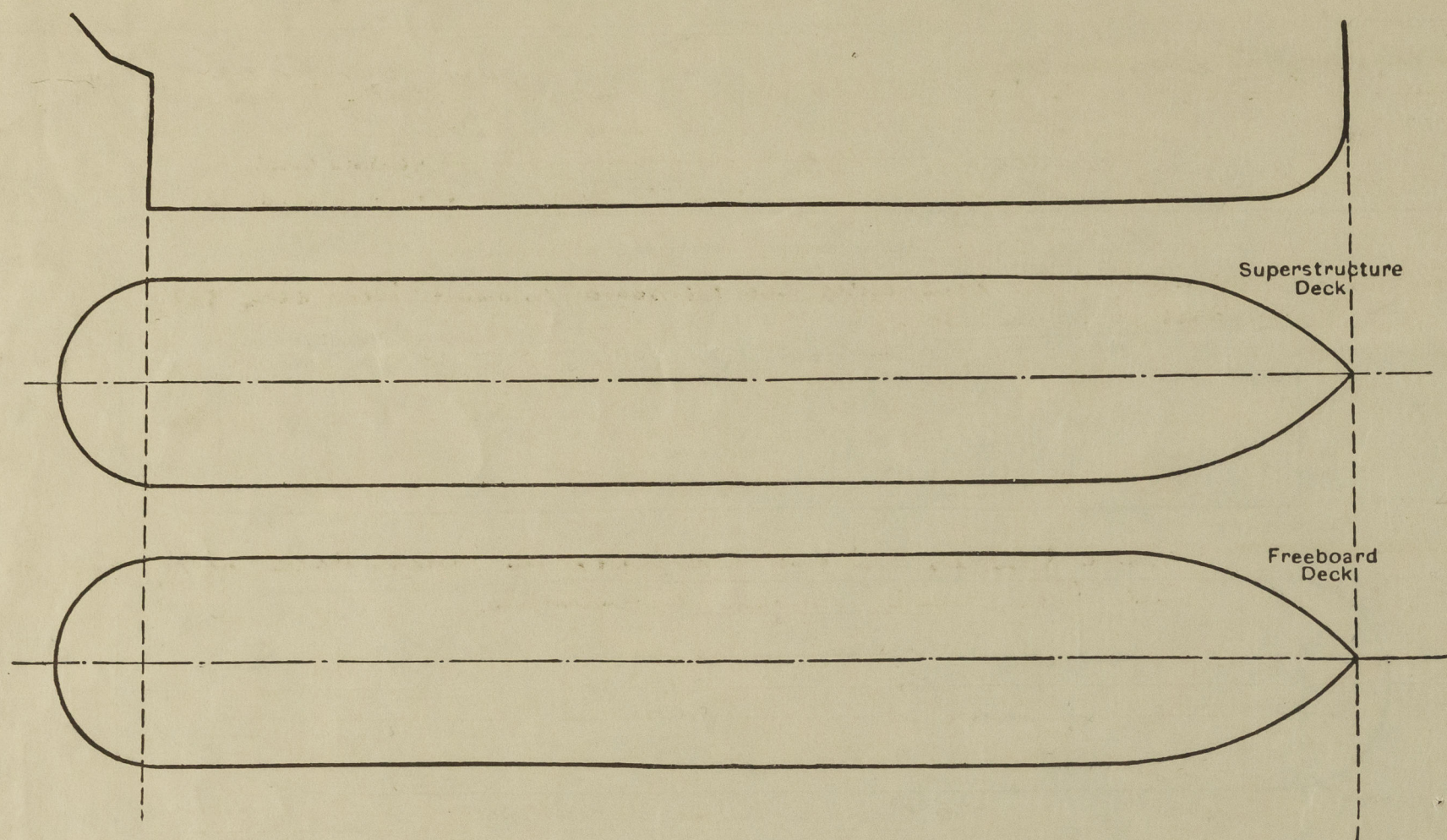
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead <i>on shelter deck</i>	✓	34	4+3+34	29/30	✓	125' + 2'	20"	7'-6"
Raised Quarter Deck Bulkhead ...								
Tonnage Opening Bridge After Bulkhead ...	26	26	4+3+30	26"-30"	✓	125' + 2'-9"	18"	8'-6"
Tonnage Opening Bridge Forward Bulkhead ...	26	26	4+3+30	29"	✓	125' + 3'	18"	8'-6"
Forecastle Bulkhead <i>on shelter deck</i>	25	25	3+30 Flanges Ske Bulkheads.	30"	✓	525' + 2' 224'-9" + 3'	18"	7'-9"
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
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 ...	30	26	3+30 flat	28"-36"	✓	125'-6" + 2'	9"	8'-6"
Deckhouses on Flush Deck Ships ...	✓							

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

Poop Bulkhead <i>on shelter deck</i>	Hinged bulk door 1 1/2" thick, securing from either side.	✓
Raised Quarter Deck Bulkhead ...	✓	
Tonnage Opening Bridge After Bulkhead ...	Shifting boards 2 1/2" thick in welded channels.	✓
Tonnage Opening Bridge Forward Bulkhead ...	Shifting boards 2 1/2" thick in welded channels.	✓
Forecastle Bulkhead <i>on shelter deck</i>	5 hinged steel doors securing from either side.	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ..	Shifting boards 2 1/2" thick in welded channels.	✓
Exposed Machinery Casings on Superstructure Decks ...	✓	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	Hinged steel door securing from either side.	✓
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:—

Fiddle, funnel & ventilator coamings & engine room skylight of steel strongly constructed. No fiddle openings. ✓

Particulars of Flush Bunker Scuttles:—

None. ✓

Particulars of Companionways:— Access ladders to holds in makhouses closed by steel w/d doors with 24" sills at Upper Dk, & by steel hinged doors with 18" sills in tween decks. Doors secure from either side. ✓ Entrance door to stairway to tween deck at aft end of midships deckhouse 13 1/4' wide, opening from either side. 18" sill to be 24"

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

Deck	Location	Size	Height	Thickness	Notes
Fore Dk.	Fore Peak	1-10" dia.	36" high	3/8" thick	Ventilators closed by wooden plugs & canvas covers ✓
"	Hold	2-22" "	36" "	40" "	
"	Fore combs	4-6" "	30" "	18" high	
"	Twin Dk	2-16" "	30" high	3/8" thick	
Upper Dk.	Deep Tank	2-12" "	30" "	3/4" "	to be 36" high
"	Tween Dk	5-6" "	30" high	18" high	
"	"	3-9" "	30" high	3/8" thick	
"	"	2-16" "	30" "	3/8" "	
Port Deck	"	2-11" "	30" "	3/4" "	to be 36" high
"	Tunnel	1-10" "	30" "	3/8" "	
"	Steering control	1-10" "	30" "	3/8" "	
"	Tween Dk	5-6" "	30" high	18" high	
Makhouse Top	"	8-22" "	30" high	40" thick	to be 36" high
"	"	4-10" dia	with steel hood with hinged flaps. (30" thick)	18" high	

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

Deck	Location	Size	Height	Thickness	Notes
Fore Dk.	FP Tank	1-3" dia	1-2 1/2" dia.		All airpipes 18" high to top of steel hood gauge in way of oil d/t tanks
"	Cofferdam m/ds.	1-2 1/2" dia.			
"	No 1 d/t tank	1-4" dia.			
"	Oil tank m/ds	14-3" "	5-4" dia.		
Upper Dk	SRM cofferdam	2-2 1/2" "			to be 36" high - adjustable steel hood (approved)
"	"	1-2 1/2" "			
"	AP Tanks	4-3" "			
"	Cruiser stem FWT	1-3" "	1-2 1/2" "		
Port Deck	"	4-6" dia	24" high	36" high	

Particulars of Gangway Cargo and Coaling Ports:—

None. ✓

Fernland.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Deck	Location	Size	Height	Thickness	Notes
Tween Dk.	Tonnage opening	2-5" dia.	SDNR valve scuppers		controlled at Upper Dk. Indicators fitted ✓
"	"	6-2 1/2" "	SD valve		" to bulges " " ✓
"	"	2-2 1/2" "	scuppers to SRM bulge		with self closing cocks ✓
"	Refrig. space	1-2 1/2" "	"		Starboard with liquid sealed trap ✓

Sanitary discharges from deckhouses led overboard through tween deck shell. Storm Valves fitted at shell. ✓

Particulars of Side Scuttles:—

Side scuttles 12" dia situated in tween deck aft & poop side all fitted with hinged deadlights. ✓

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

38'-0" ✓

Particulars of Guard Rails:—

Deck	Location	Size	Height	Thickness	Notes
Fore Dk.	Fore Peak	3'-3" high	stanchions 4'-9" apart		✓
Port Deck	"	3'-3" "	4'-9" "		✓
Upper Dk.	Upper Dk.	3'-6" + 25 rail bar	5" to stanchions 5'-3" spaced 6' ✓		freeing ports in bulwark 18'-0" + 9" 4 forward 3 aft. p & n. ✓

Particulars of Gangways, Lifelines, etc.:—

None. ✓

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 ...	✓				93.75 sq ft	71.38 sq ft CSD
Forward Well ...	✓					
State position of each freeing port ... After Well:—						
(F. and A. position and height above deck edge) Forward Well:—						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—						
Additional area where sheer is less than standard.						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

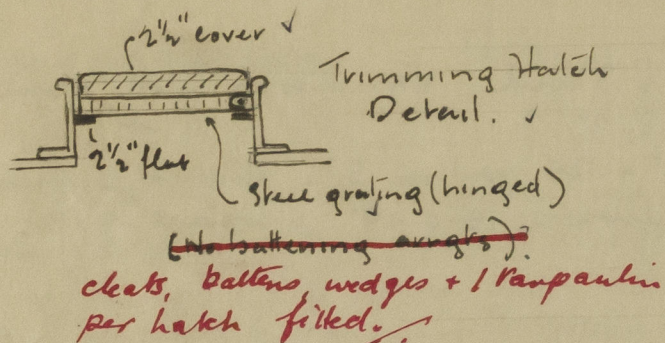
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Superstructure Deck				Freeboard Deck						
Description of Hatchway	N°1	N°2, 3	N°4, 5	N°1	N°2	N°3	N°4, 5	Deep Tank	Deep Tank	Trimming
Dimensions of Hatchway	29'3" x 20'	31' x 22'	33'7" x 22'	29'3" x 20'	31' x 22'	18'1" x 22'	33'7" x 22'	12'7" x 12'	2'6" x 2'3"	2'6" x 2'3"
"Reith" COAMINGS	Height above Deck ... 30"✓	30"✓	30"✓	10" x 3 1/2" + .40 ✓				12'3 1/2" x 50	9'3 1/2" x 40	9'3 1/2" x 40
	Thickness ... 44	44	44					5 ✓	5	5
	Stiffeners ... 9'3 1/2" x 40	8'7" x 40	8'7" x 40					✓	✓	✓
	Brackets, Stays ... 2 ✓	2 ✓	3 ✓							
HATCH BEAMS	Number ... 5 ✓	5 ✓	5 ✓	5	5	2	5			
	Spacing ... 4'-10 1/2" ✓	5'-2" ✓	5'-7" ✓	4'-10 1/2"	5'-2"	6'-0"	5'-7"			
	Scantling and Sketch ... 18'2" x 35	14'2" x 35	15'2" x 36	25'2" x 40	22' x 37	23'2" x 34	22'2" x 34			
		4'3" x 44	5'3" x 42	5'3" x 42	4'3" x 44	5'3" x 42	5'3" x 42			
	Bearing Surface ... 3" ✓	3" ✓	3" ✓	3" ✓	3" ✓	3" ✓	3" ✓			
FORE AND AFTERS	Number ...									
	Spacing ...									
	Unsupported Lengths ...									
	Scantling* and Sketch ...									
	Bearing Surface ...									
HATCH COVERS	Material ...			W.W. 2 1/2" ✓				Steel OT .50 ✓	Steel OT .50 ✓	W.W. 2 1/2" ✓
	Thickness ...			LAID IN 3" ✓				✓	✓	✓
	How fitted ...							✓	✓	✓
	Bearing Surface ...							✓	✓	✓
Spacing of Cleats	29.5" ✓	29.5" ✓	29.5" ✓	24" ✓	24" ✓	24" ✓	24" ✓	15" ✓	10" ✓	✓
Number of Tarpaulins	2 ✓	2 ✓	2 ✓	1 ✓	1 ✓	1 ✓	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>										

Particulars of any special features:—

Fore deck hatch 1 off 2'-3" x 2'-3" 9" E coaming W.T. steel lid .40 Toggles 18" apart.

Upper Deck. Hatch inside fore. 3'-0" x 2'-6" 9" E coaming. 3" rest bar. 2 1/2" cover cleats 16" apart. 1 tarpaulin.

Tonnage Opening 22'-0" x 4'-6" 11" E coaming. 2 1/2" covers secured by hemp lashings.



Note:— Hatches on Superstructure Deck fitted with Securlas battening arrangements.

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.