

18 AUG 1960

CLOSED SHELTERDECK

Spt. Rpt. No. 2163F

OWNERS' C.11 ISSUED

LLOYD'S REGISTER OF SHIPPING

Index No. _____
(For London Office only.)

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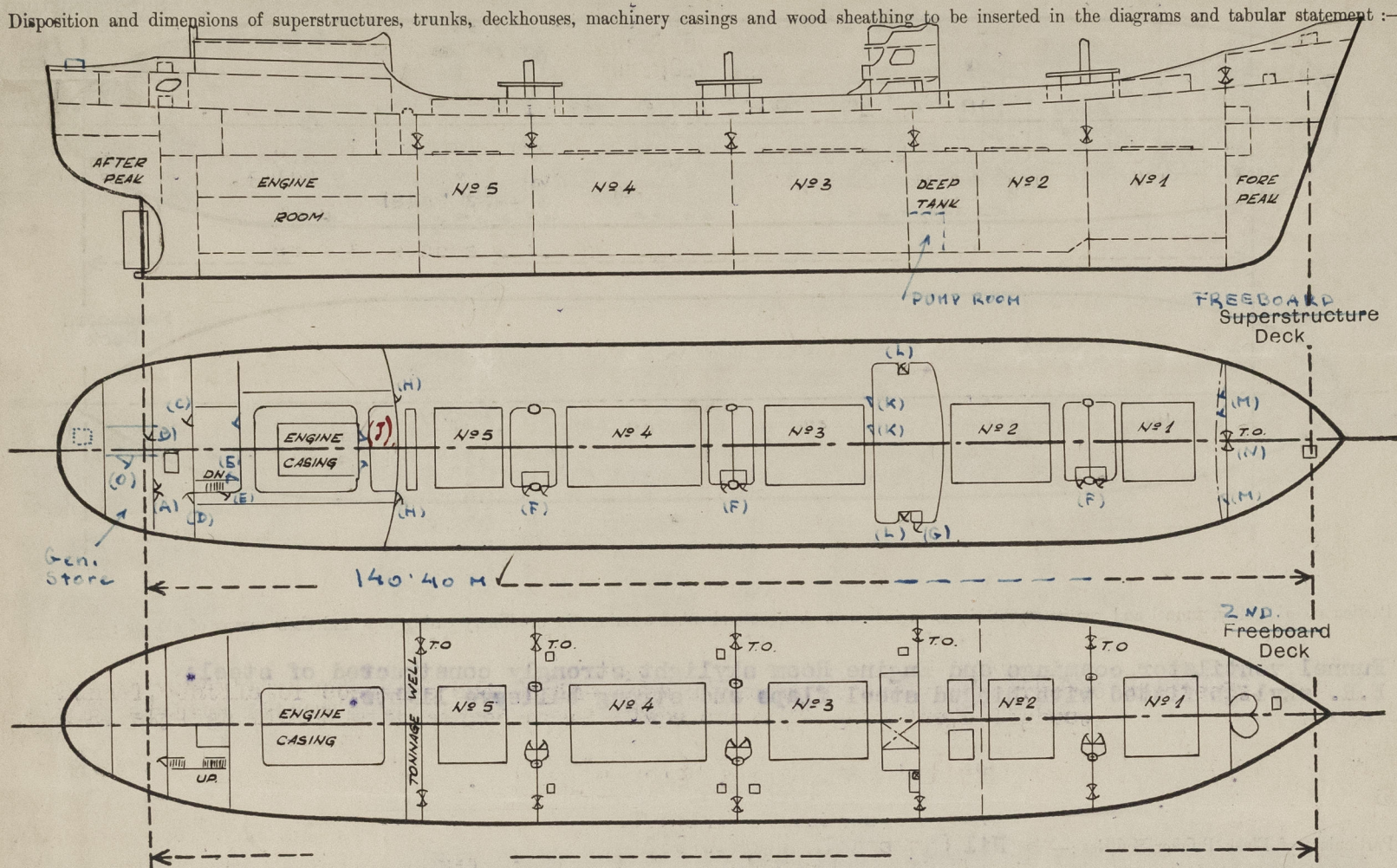
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

JUL 1959

Ship's Name "CHOPIN" Port of Survey SPLIT
 Official Number _____ Surveyor's Signature Stipule
 Nationality and Port of Registry Polish - Gdynia Date of Survey whilst building

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

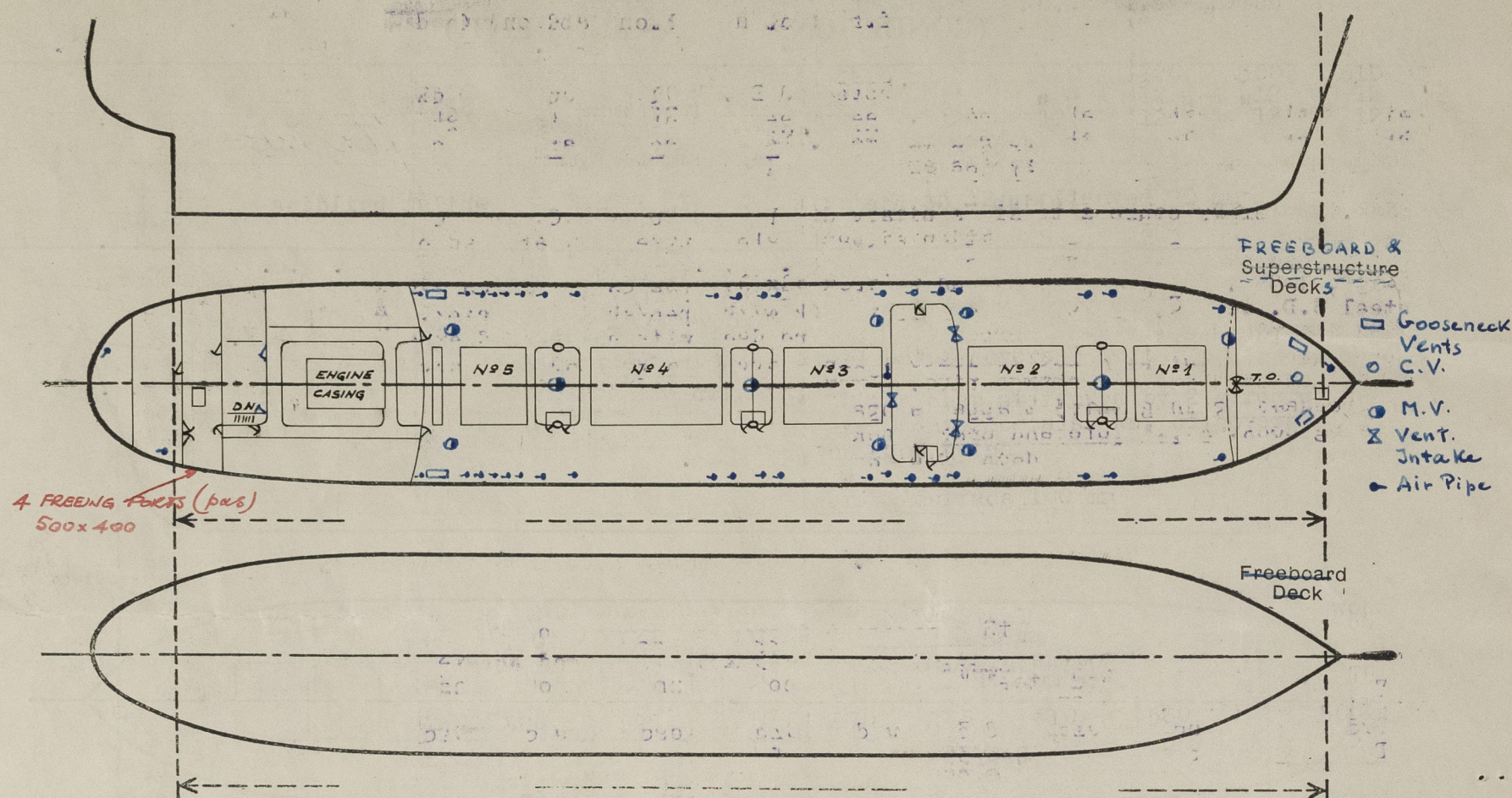
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead ...	-	7,5 ✓	100x75x9 ✓ 130x90x10 ✓	640,760 900	Top & Bott. sniped ✓	1310x680 1310x1180	610 ✓	2500
Raised Quarter Deck Bulkhead ...	-	-	-	-	-	-	-	-
Bridge, After Bulkhead ...	-	7,5 ✓	160x10 FB ✓ 100x75x9 ✓	800,760 920	Top & Bott. sniped ✓	1310x680 1310x710	610 ✓	2500
Bridge, Forward Bulkhead ...	-	11 ✓	200x100x12 ✓	575,760 & 1100	Top brktd. Bott. weld ✓	1370x685	610 ✓	2500
Forecastle Bulkhead ...	150x8 ✓	7,5 ✓	75x75x8 ✓	610,760	Top & bott. sniped ✓	1520x635 1600x1420	460 ✓ 480	2300
Trunk, Aft ...	-	-	-	-	-	-	-	-
Trunk, Forward ...	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Superstructure Decks ...	-	-	-	-	-	-	-	-
Machinery Casings within Superstructures fitted with Class I Closing Appliances ...	-	6,5 ✓	75x65x7 ✓	760	Top. cont. Bott. snip. ✓	1550x640	460 ✓	2500
Deckhouses and Pump Room ...	150x10	9,5-9-8	130x90x10 102x76x8 90x70x7	760 645	F&A Top: btd Bott: wel Sids: Top: btd Bott: wel	1520x680 1320x680	460 ✓ 610 ✓	2500

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

Poop Bulkhead ...	(A) Hinged double steel door, not operated both sides (Class 2) ✓ (B) Hinged w.t. steel door, operated both sides, 3 hinges, 3 toggles (Class 1) ✓
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	(C) Hinged double steel door, operated both sides (Class 2) ✓ (D) Hinged w.t. steel doors, operated both sides, 3 hinges, 3 toggles (Class 1) ✓
Bridge, Forward Bulkhead ...	(H) Hinged w.t. steel doors, operated both sides, 3 hinges, 2 toggles (Class 1) ✓ (M) Hinged w.t. steel doors, operated both sides, 3 hinges, 3 toggles (Class 1) ✓ (N) Storm boards 3" thick in welded channels (Class 2) ✓
Forecastle Bulkhead ...	-
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	-
Exposed Machinery Casings on Superstructure Decks ...	-
Machinery Casings within Superstructures fitted with Class I Closing Appliances ...	(J) Hinged strong steel doors operated both sides (Class 2) ✓
Deckhouses and Pump Room ...	(L) Sides: Hinged w.t. steel doors, operated both sides, 3 hinges, 2 toggles (Class 1) ✓ (K) Aft: Hinged w.t. steel doors operated both sides 3 hinges, 3 toggles (Class 1) ✓

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, side scuttles, scuppers, 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:—

Funnel, ventilator coamings and Engine Room skylight strongly constructed of steel. E.R. skylight fitted with hinged steel flaps and strong bulls-eye lights.

Particulars of Flush Bunker Scuttles

Ni2

Particulars of Companionways: (C) Companionway to steering gear compartment and tweendecks spaces aft, enclosed in Bridge aft (upper deck). Hinged, WEATHERTIGHT horizontally divided steel doors, operated both sides. 1300x680 m/m, 4 hinges and 1 lock. Sill 610 m/m. (including those incorporated in deckhouses and masthouses) (H) & (D) Companionway to steering gear compartment and tweendecks spaces aft, enclosed in bridge aft (on upper dk). Hinged strong steel doors, operated both sides 1370x680 1300x680 m/m; Sill 610 m/m, 3 hinges, 2 toggles, rubber packing. (E) Companionway to steering gear compartment and tweendecks spaces aft, enclosed in Bridge aft (on upper dk). Hinged strong steel doors operated both sides, 1760x690 m/m, Sill 230 m/m, 2 hinges, 1 toggle. (F) Companionway to tweendecks spaces and holds enclosed in strong steel mast houses. Hinged W.T. steel doors operated both sides, 1365x635 m/m, Sill 610 m/m, 3 hinges, 3 toggles, rubber packing. (G) Companionway to pump room amidship enclosed in strong steel deckhouse. Hinged W.T. steel door operated both sides 1370x680 m/m, Sill 610 m/m, 3 hinges, 3 toggles, rubber packing.

Foxle Dk:1 @ 350 mm dia QV - coaming 915x10 mm
2 @ 159 " " Gooseneck Vent.coaming
915x10/m m with WT steel cover.

Upper Dk:1 @ 600 " " MV - coaming 915x10 mm
2 @ 450 " " MV - coaming 915x10 mm
2 @ 600 " " MV thro' Samson Posts
2 @ 450 " " MV - coaming 915x10 mm
2 @ 159 " " Gooseneck Vent.Coaming 915x10
1 @ 400x350 Vent.intake on dk.house,1415 mm
above deck, with W.T.steel cover
1 @ 400x400 Vent.intake on dk.house,1415 mm
above dk. with W.T.steel cover
1 @ 400x400 Vent.intake on dk.house 1960 mm
above deck,with W.T. steel cover

Mast houses: 3-760 m m dia MV - Coaming 800x10 with
ventilator casing 1400x10 mm
above.

Bipod Masts: have 1000x350 and 1150x400 m/m Vent openings, 2250 m/m above mast house deck, with W.T. steel cover. ✓

All vent.coamings with exhaust fan provided with 10 m/m thick steel covers stowed in readily accessible positions. Remainder have wood plugs and canvas covers. All vent. over 915 m/m height efficiently stayed.

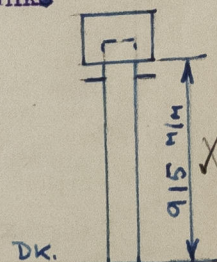
Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks :-		1-98 m/m p&s to Drinking water tank
<u>Foxle Dk:</u>	1-98 m/m p.s. to FP tank, 760 mm high	1-98 " p&s to DBtank No.6
<u>Upper Dk:</u>	2-98 " p&s to No.1 DB tank	1-2" " p&s to cofferdam
	2-98 " p&s to No.2 DB tank	1-98 " p&s to DB overflow tanks
	1-181 " p&s to Deep tank	<u>Peep Dk:</u> 1-123 " s.s. to A.P. tank
	1-2" " p&s to cofferdams	1-98 " p.s. to Upper A.P. tanks
	2-98 " p&s to No.3 DB side Tanks.	
	1-149 " p&s to No.3 DB tank, centre.	
	1-98 " s.s. - " -	
	1-98 " centre-to FW tanks in twendeck	
	2-98 " p&s to DB tank No.4 sides	
	1-149 " p&s - " - centre	
	1-149 " p&s to DB tank No.5 centre	
	1-2" " p&s to cofferdams	
	1-3" " p&s to Drinking water tank	

All air pipes fitted with movable steel caps. Height 915 m/m O.P. air pipes as above but with wire gauge on pipe.

All air pipes have canvas covers.

Dk.

All air pipes fitted with
movable steel caps. Height
915 m/m. O.F. air pipes as
above but with wire gauge on
pipe.
All air pipes have canvas
covers.



Particulars of Gangway Cargo and Coaling Ports :— Nil

Foxle Dk: 1-3" dia p&s scupper on Foxle deck aft led direct to Upper Dk. Upper Deck: Spaces in foxle are drained thro' 4-1 1/2" dia holes in Foxle front out to upper Dk, with brass screwed plugs with chain attachment and one 4" dia scupper p.s. led overboard below 2nd deck thro' galv. steel storm valve on ships side. Upper Dk is drained by 8-3 1/2" p&s scuppers, with outlets overboard above 2nd Dk. Well aft on upper dk. is drained by 1-5" p&s scupper. Masthouses are drained thro' 1 1/2" dia holes to upper dk. with attachment. Deck house forward: All sanitary discharges, butts, W.C. (separately drained) from accommodation situated above upper deck are 1-6" p&s and 1-4" p&s galvanized steel storm valves at ships sanitary discharges butts, W.C. wastes and soils and galley (independant) situated above upper dk. are led overboard below 2nd dk. thro' ship sides. (p.s.: 2 - 4", 1-6", 1-3", 1-5". s.s.: 2-4", 1-6", 1-3", 1-5".) by 10-3 1/2" dia p&s scuppers led direct to bilges with galvanized upper deck with open/shut indicator. Tonnage well is drained by 1-2" dia p&s scupper below 2nd deck with galvanized steel S.D.N.R.V. operated from fore. These scuppers secured & in closed position and W.T. steel caps. Provision and refrigerated stores on 2nd deck aft p.s. have scupper pipes led to Engine Room bilges thro' 1-2" pipe with self locking also steering gear compartment drain into wells and then fore 2" hand pumps.

Particulars of Scuppers and Sanitary Discharge Pipes :

with outlet overboard above 2nd Dk. Masthouses are drained thro' 1½" dia holes to upper dk. with brass screwed plugs with chain attachment. Deck house forward: All sanitary discharges, baths, W.C. wastes and soils and pantry (separately drained) from accommodation situated above upper deck are led overboard below 2nd deck thro' 1-6" p's and 1-4" p's galvanized steel storm valves at ships side. Superstructure aft: All sanitary discharges baths, W.C. wastes and soils and galley (independently drained) from accommodation situated above upper dk. are led overboard below 2nd dk. thro' galvanized steel storm valves on ship sides) (p.s.2 - 4", 1-6", 1-3", 1-5". s.s.: 2-4", 1-6", 1-3", 1-1½", 1-5"). 2nd Deck is drained by 10-3 1½" dia p's scuppers led direct to bilges with galvanized steel S.D. valves, operated from upper deck with open/shut indicator. Bonnetage well is drained by 1-5" dia p's scupper led overboard below 2nd deck with galvanized steel S.D.N.R.V. operated from upper deck with open/shut indicator. These scuppers secured in closed position and W.T. steel caps welded on deck over discharge pipe. Provision and refrigerated stores on 2nd deck aft p.s. have independent drainage thro' trapped scupper pipes led to Engine Room bilges thro' 1-2" pipe with self closing cock. F.P. store and chain locker also steering gear compartment drain into wells and then overboard above freeboard deck thro' 2" hand pumps.

Made by R. Benčić - Rijeka according to approved plans

Poop front: 1 @ 250 m/m fixed brass sides scuttle on door ✓
Poop sides: 6 @ 350 " hinged " " " with deadlight
Bridge aft: 4 @ 450x450 mm hinged square galvanized steel windows, each
steel W.T. hinged cover 8 mm thick with fixed sides scuttle 250 m/m dia
mm dia fixed brass sides scuttle on door ✓
46 @ 350 mm dia hinged brass sides scuttles with brass deadlight ✓
19 @ 350 " " " " " " " " ✓
4 @ 250 " " fixed " " " " on doors ✓
13 @ 350 " " hinged " " " " ✓
14 @ 250 " " fixed " " " " " " ✓
6 @ 300 " " hinged " " " " with brass deadlight ✓
8 @ 300 " " " " " " " " ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel.....12.200 mm
Distance from amidships to centre of lowest Side Scuttle.....68.035 mm

Particulars of Guard Rails & Bulwarks :- Foxle deck: Bulwark 1400 mm high forward of frame No.195, gradually tapered to 200 mm high on frame No.175. Bulwark 7 mm thick with 160x10 and 75x37,5 mm half round bar, stiffened by 9-10 and 15 mm thick & s/s stays reinforced with welded 60x12 flat bars. After end and sides fitted with 3 rails, stanchions spaced 1150 mm apart. Upper deck: bulwark full length 1150 mm high, 7 mm thick with 200x10 F.B. bar stiffened by 10 mm thick flanged brackets on every second frame. Poop deck: Bulwark 1100 mm high fitted forward of frame No.3 gradually tapered to 150 mm high on frame No.2. Bulwark 7 mm thick with 200x10 F.B. bar stiffened by 10 mm thick flanged brackets on every third frame. After end fitted with 3 rails stanchions spaced 1200 mm apart.

Particulars of Gangways, Lifelines, etc. :— **Wire life lines fitted p. & s. to permanent eye plates.**

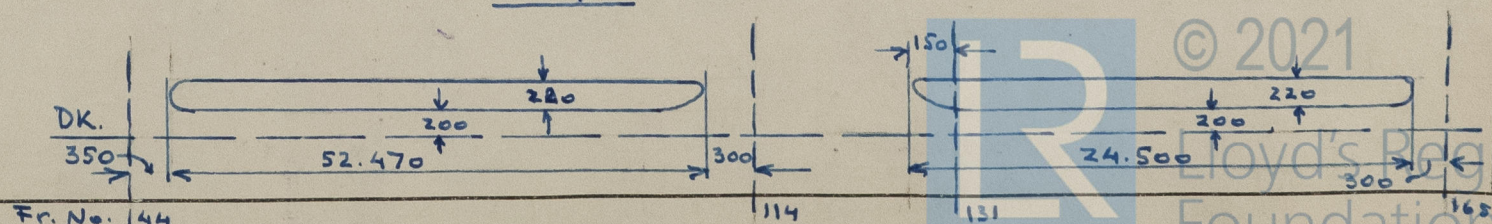
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side <i>M²</i>	Rule area each side <i>M²</i>
After Well	4,88 m. ✓	1150 mm	500x400 mm	Four	80 ✓	75
Forward Well	100.65M 101.34 m. ✓	1150 mm	52.470x220mm 24.500x220 mm	One One	11.54 5.39, 10.93	6.13

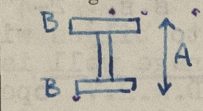
State position of each freeing port	{	After Well :—	evenly distributed
(F. and A. position and height above deck edge)			Forward Well :—	see sketch below

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. *Actual > Standard*
Well fw



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
2nd deck						Upper deck					
Description of Hatchway	No.1	No.2&5	No.3	No.4	No.1	No.2&3	No.4	No.5	Tonnage hatch	Provision store hatch	aft
Dimensions of Hatchway	8.22x7.5	8.36x7.5	12.16x7.5	16.72x7.5	8.22x7.5	12.16x7.5	16.72x7.5	8.36x7.5	1.25x7.5	1.2x1.8	
COAMINGS	Height above Deck	230	230	230	230	1120	1120	1120	300	610	
	Thickness	12	12	12	12	12	12	12	12	12	
	Sides	12	12	12	12	12	12	12	12	12	
	Stiffeners	-	-	-	-	HP 300x14	HP 220x12				
HATCH BEAMS	Brackets, Stays	-	-	-	9						
	Number	3	3	5	7	Brackets th. 12 mm flanged 90 mm					
	Spacing	2095	2130	2053	2100	No. at sides:					
	Scantling and Sketch					No. at ends:					
FORE AND AFTERS	B	300x25	280x24	250x25	265x24	3	3	3			
	A	650x14	600x14	600x14	600x14						
	B	300x25	280x24	250x24	265x24						
	Bearing Surface	110	110	110	110	Steel hatch covers 8 mm.th.					
HATCH COVERS	Number					320 mm deep stiffened by 2 girders and 9 intercostals. No. of covers on each hatch:					
	Spacing					4	6	8	4		
	Unsupported Lengths					Bearing surface 100 mm					
	Scantling* and Sketch										
HATCH COVERS	Material	wood	wood	wood	wood	Steel					wood
	Thickness	125	110	110	110	8 mm					65
	How fitted	90	90	90	90	Athwart-ship					75
	Bearing Surface	90	90	90	90	100 mm					75
Spacing of Cleats	570	580	595	610	570	595	610	580		500&450	
Number of Tarpaulins	1	1	1	1	3	3	3	3		3	
*Are wood fore and afters steel shod at all bearing surfaces? - 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 (steel-band lashing, on all upper deck hatches) Are wood covers fitted with galvanised end bands? Yes											

Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

- (1) Tonnage hatch 2 Steel covers, 11 mm thick, stiffened by 130x90x9 angle bar and 5-100x10 intercostal stiffeners. Fastened with 33 hook bolts each. Rubber packing. Each cover provided with 1 - 600x400 mm W.T. manhole.
- (2) Hatch to bosun's store on fore deck: Hatch 1100x1000 mm coaming 610 mm, 11 mm thick with W.T. steel cover 8 mm thick, 2 hinges, 8 toggles, rubber packing.
- (3) Access hatch to bosun's store inside fore: hatch 820 x 520 mm coaming 610 mm, 10 mm thick with W.T. steel cover, 10 mm thick, 2 hinges, 2 toggles, rubber packing.
- (4) 6 Trimming hatches on 2nd dk: hatch 750x550 mm flush with deck, WT. steel cover 10 mm thick, 2 hinges, 11 - 20 mm welded bolts, rubber packing.
- (5) Deep tank hatches on 2nd Deck: 2 hatches 3200x3010 mm, coaming 230 mm, 12 mm thick with W.T. steel covers 13 mm thick stiffened by 3 continuous transversal flat bulb bars 180x10 mm and 3 intercostal longitudinal flat bulb bars 150x10 mm, fastened to coaming by 33 toggles, rubber packing.
- (6) Provision store hatch on poop deck: (leading to well aft). Hatch 1800x1200 mm coaming 660 mm, 11 mm thick with wood covers 65 mm thick fitted F. & A. Bearing surface 70 mm.
- (7) Hatch to paint store: (on poop deck). Hatch 610x610 mm coaming 460 mm, 10 mm thick with hinged W.T. steel cover 8 mm thick 2 hinges, 8 toggles, rubber packing.
- (8) (O) Entrance to General Store inside poop: Hinged strong steel doors, operated both sides, Class 2.



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