

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

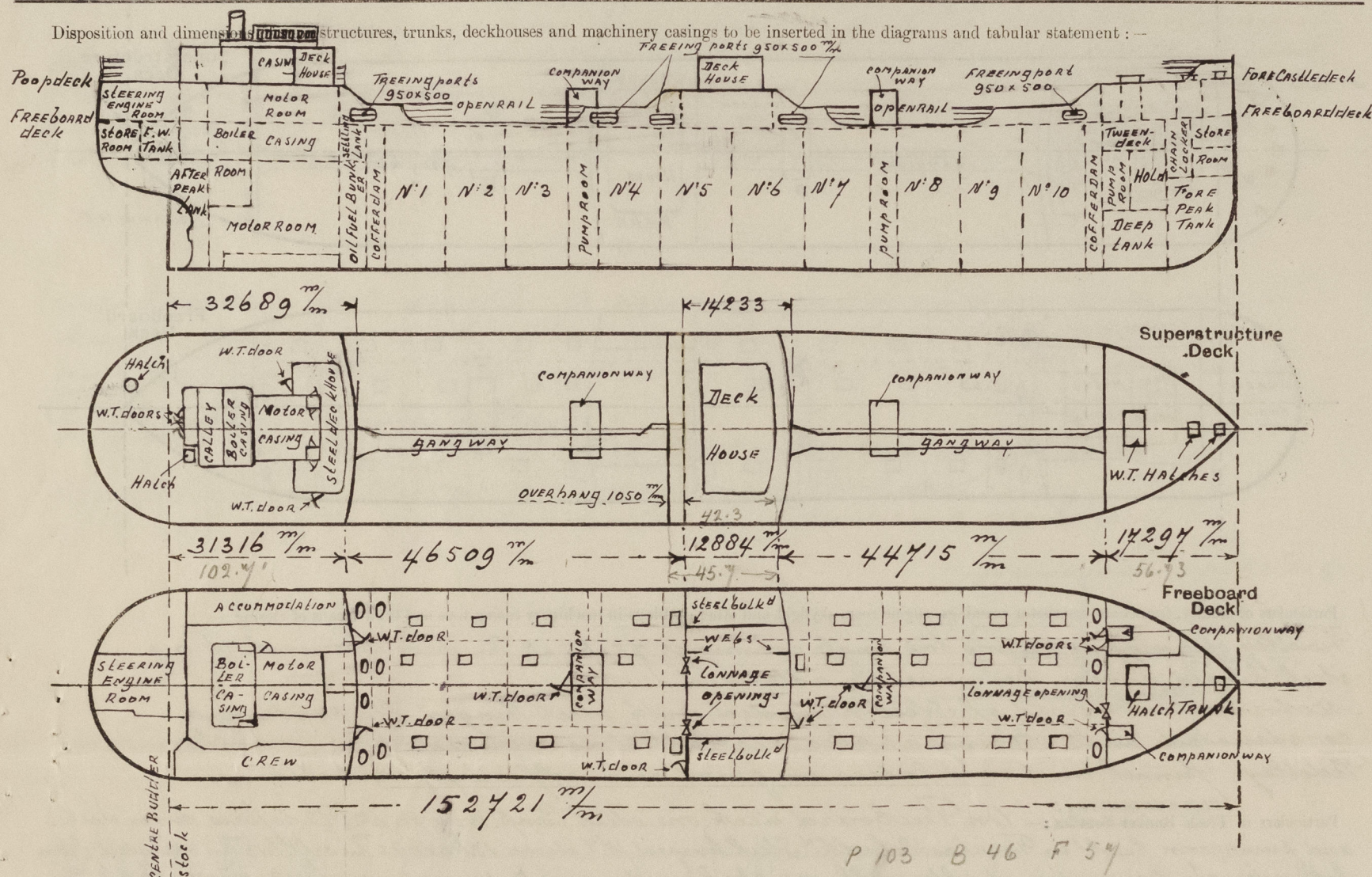
(CONDITIONS OF ASSIGNMENT.)

Ship's Name *H. V. Touriel*Port of Survey *Amsterdam*

Official Number

Surveyor's Signature *H. P. Jonker*Nationality and Port of Registry *Netherlands, s'Gronovage*Date of Survey *while building*

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



Particulars of Superstructures, Trunks, Casings, Deckhouses.

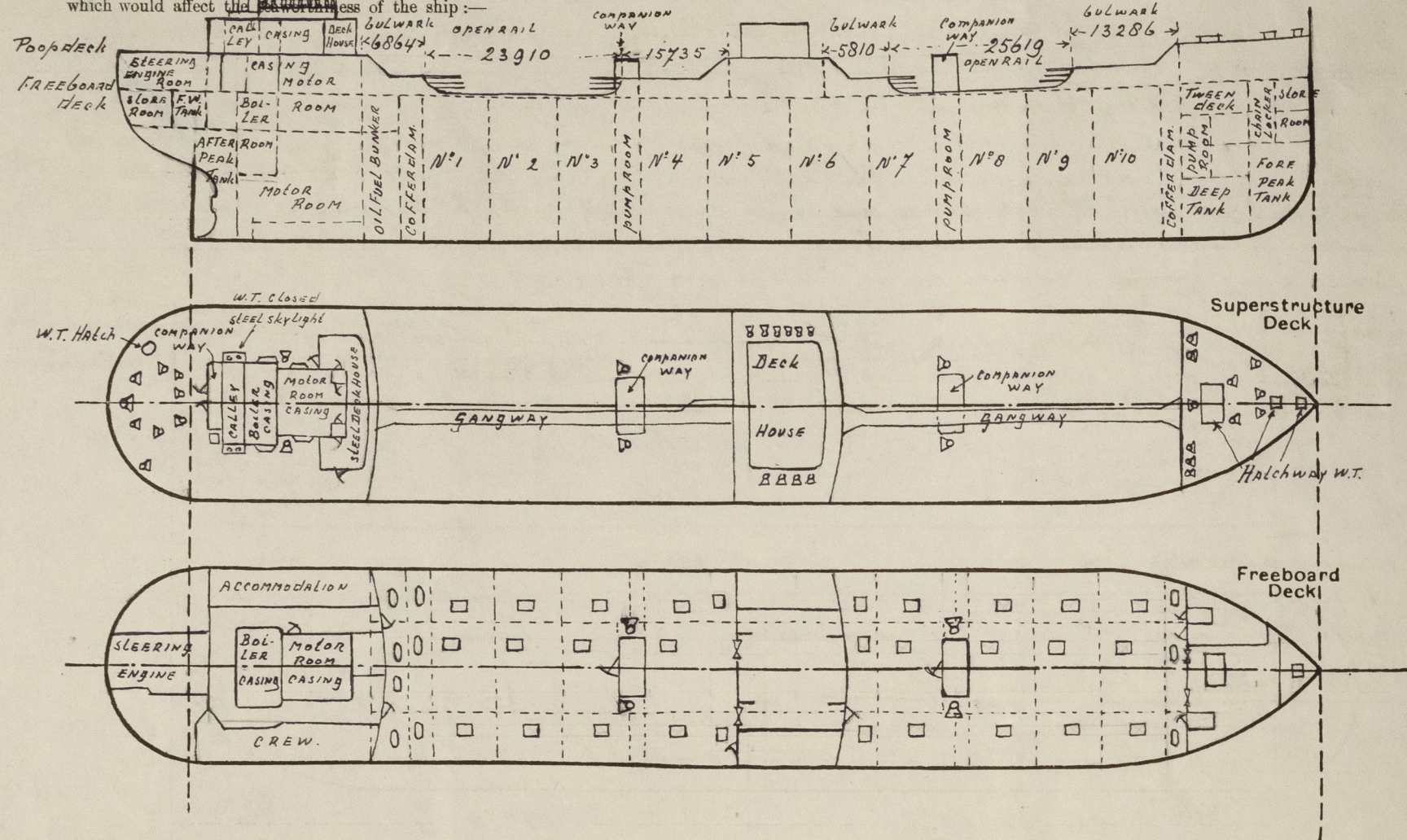
	Coaming m/m	Plating m/m	Stiffeners m/m	Spacing m/m	End Attachments of Stiffeners	Size of Openings m/m	Height of Sills m/m	Height of Casings m/m
Poop Bulkhead ...	150x14	11	90x75x10 230x90x13 1/2	657 and 1610 mm	brackets	1490x800	460	2286
Raised Quarter Deck Bulkhead ...			230x90x13 1/2					
Bridge, After Bulkhead ...	150x10	4 1/2	100x45x8 100x45x9	443 and 865 mm	one SB, PS 1300x950	590	460	2286
Bridge, Forward Bulkhead ...	150x12	11	250x90x13 250x90x12	874 and 773 mm	brackets	1530x460	460	2286
Forecastle Bulkhead ...	610x9	4 1/2	100x65x8	760 to 700	three 1380x685 none two 1300x1070	570	610	2286
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...						In deck house PS 1425x805	265	2286
Exposed Machinery Casings on Superstructure Decks ...	325x8 1/2	4 1/2	100x65x8	778	continued SB 1420x805	570		2286 and above board 480 mm
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...								
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	Two steel hinged watertight doors operated from both sides
Raised Quarter Deck Bulkhead ...	One steel hinged watertight door on SB. operated from both sides and
Bridge, After Bulkhead ...	two portable plates 9 mm fastened with hook bolts 25 mm diam spaced 350 mm apart
Bridge, Forward Bulkhead ...	One steel hinged watertight door on SB. operated from both sides
Forecastle Bulkhead ...	Three steel hinged W.T. doors closed and operated from both sides and two
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	portable plates 9 mm fastened with hook bolts 25 mm diam spaced 350 mm apart
Exposed Machinery Casings on Superstructure Decks ...	One steel hinged watertight door on SB, PS. operated from both sides in
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	steel deck built to forward end of motor room casing
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 openings on casing top angle coamings $45 \times 65 \times 8$ mm provided with strong steel hinged covers, permanently attached.
Motor room skylight of steel provided with steel hinged flaps strongly constructed and closing appliances fitted as required.
Fiddle, funnel and ventilators in good and efficient condition.

Particulars of Companionways:

On Foreboard deck one steel Comp. way on St. 2s to fore, tween deck and pump room built in Fore Castle bulk. Steel hinged W.T. doors 1380×685 mm sill 610 mm operated from both sides. In forward and after well one steel companionway to pump room $4848 \times 2454 \times 2286$ mm front sole plating 10 mm after bulk 9 mm Stiff. $150 \times 45 \times 10$ spaced 420 mm apart braced top and bottom. Steel hinged W.T. doors 1530×685 mm sill 460 mm operated from both sides.

Particulars of Companionways:- On Poop deck to poop space, steel deckhouse built to after and boiler room casing. Steel coaming $325 \times 8\frac{1}{2}$ mm plating $4\frac{1}{2}$ mm Stiff. $100 \times 65 \times 8$ spaced 488 mm top and bottom steel hinged W.T. doors in after bulk 1530×685 mm sill 460 mm operated from both sides.

Steel deck house to motor room built to front of motor casing. Coaming $1200 \times 45 \times 9$ plating $4\frac{1}{2}$ mm Stiff. $130 \times 45 \times 8$ braced top and bottom. One steel hinged W.T. door on PS 1425×865 mm sill 265 mm and one on SB 1420×865 mm sill 540 mm operated from both sides.

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

On Fore castle deck 2 vent: $915 \times 306 \times 9$ mm, 9 vent: $915 \times 244 \times 10$ mm to store rooms, forward hold pump room, tween decks and fore castle, also 3 goose neck vent: 915×100 mm diam to fore castle space.
On Freeboard deck to pump rooms 2 vent: in forward well and 2 vent: in after well $5655 \times 610 \times 10$ mm bracketed to pump room deck house.
On Bridge deck 10 vent: $915 \times 200 \times 4\frac{1}{2}$ mm diam to bridge space.
On Poop deck: 1 vent: $915 \times 200 \times 4\frac{1}{2}$ mm, 8 vent: $915 \times 306 \times 8\frac{1}{2}$ mm, 2 vent $915 \times 244 \times 10$ mm and 12 goose neck vent: 645×124 mm 800 mm.

All ventilator coamings are constructed in accordance with the Rules and are provided with steel covers screwed down or with wooden plugs and canvas covers for closing the openings.

All goose neck vent: are provided with canvas covers for closing the openings.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:- On Poop deck: 6 air pipes 915×45 mm diam. to after peak tank, fresh water tanks, and to double bottom tanks, 3 air pipes 915×50 mm diam to after peak tank in motor room.
On Boat deck aft 4 air pipes 915×45 mm to double bottom tanks and 2 air pipes 915×65 mm to tween deck out tanks.
On Freeboard deck 2 air pipes 2500×100 mm diam to cross bunker and settling tanks and one pipe 2500×125 mm diam to forward and after cofferdam, bracketed to poop and fore castle bulkhead.
All cargo and wing tanks have a combined gas escape pipe 145 mm diam extended 19 ft above deck and are bracketed to the fore and after mast.
On Fore castle deck one air pipe 915×45 mm to fore peak tank and 4 air pipes 915×90 mm diam to oil tank.
All air pipes are fitted with gauze, and canvas covers, or steel hinged flaps are provided for closing the openings.

Particulars of Gangway Cargo and Coaling Ports:-

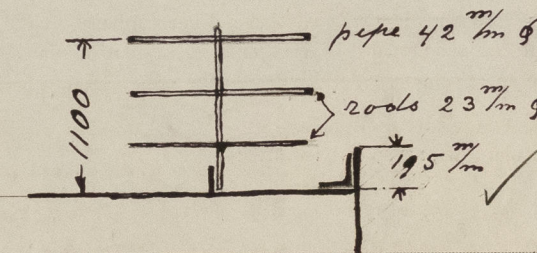
Tree board deck discharged over deck by 4 scuppers in forward well and 5 scuppers in after well, cut in stringer angle.

Particulars of Scuppers and Sanitary Discharge Pipes:- Poop space: Scupper pipes, W.C., and wash places built in Poop space discharging through ship sides below freeboard deck, storm valve fitted in steel casing to shell. The scupper pipes draining the poop space and sanitary discharge pipes are also provided with a valve chest operated from an accessible position below the freeboard deck.
Scupper pipes and sanitary pipes from spaces in deck houses built on poop deck discharging through ship side below freeboard deck no storm valve fitted.
Bridge space: Scupper pipes, wash places and W.C. built in deck houses on bridge deck discharging through ship sides just above freeboard deck. Storm valve fitted in steel casing to shell only in discharge of W.C.

Particulars of Side Scuttles:- Side scuttles to accommodation in poop space and in bridge and fore castle space, are all of substantial construction and fitted with steel hinged cleat lights permanently attached.

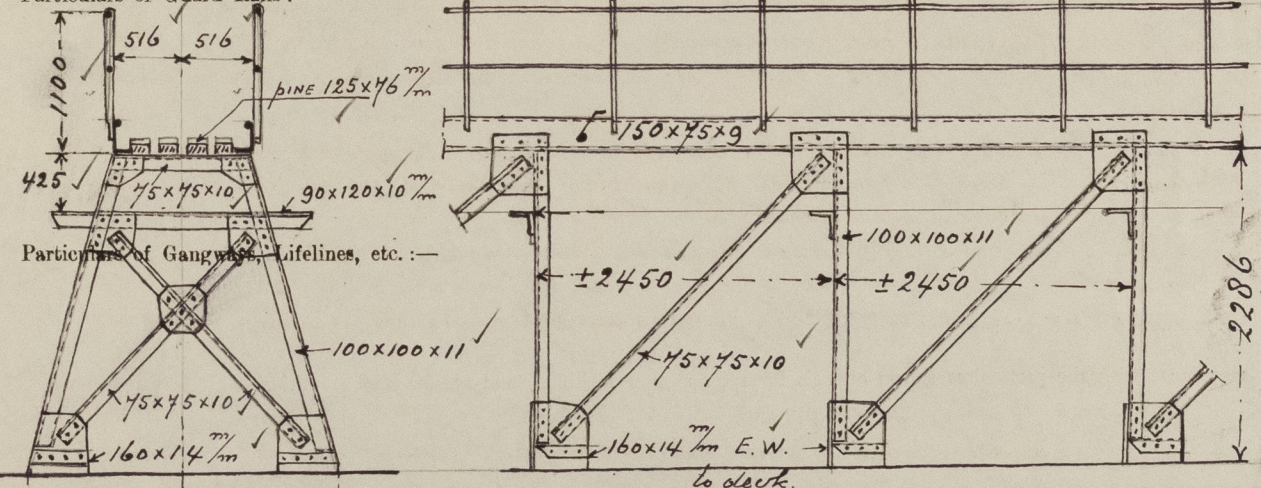
Particulars of Guard Rails

On Treeboard deck in forward and after well, Fore castle, Bridge and Poop deck open rail 1100 mm high stanchions spaced about 1300 to 1130 mm apart.



Vertical distance of Sill of lowest Side Scuttle above top of keel 12486 mm.

Particulars of Guard Rails:-



Particulars of Freeing Arrangements.						
Length	Length of Bulwark	Height of Bulwark	Size of Freeing Ports OPEN RAIL	Number each side	Area each side	Rule area each side
After Well 46509 mm	22599 mm	1100 mm	23910 mm			
Forward Well 44715 mm	19096 mm	1100 mm	25619 mm			

State position of each freeing port ... (After Well:- } height above deck edge 195 mm
(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 DECK.										
<div> <div>← ON FREEBOARD DECK →</div> <div>← ON FORECASTLE DECK →</div> <div>← ON POOP DECK →</div> </div>										
Description of Hatchway	Outlight hatches	Manhole hatches	Store Room	Chain Locker	To forward hold	To poop space				
Dimensions of Hatchway	1370 x 1040	610 x 450	760 x 760	610 x 560	2440 x 3050	760 x 760	400	6		
COAMINGS	Height above Deck	460	460	250	250	230	230	460	200	150
	Thickness	10	10	10	10	11	11	11	5	5
	Stiffeners	10	10	250 x 90 x 10	5	5	11	11	200 x 75	150 x 75
	Brackets, Stays	E.W. to deck	E.W. to deck	230 x 90 x 10	5	5	180 x 75 x 10	200 x 75	150 x 75	
HATCH BEAMS	Number	5	10	3	2	Hatchway brunked in till freeboard deck.				
	Spacing	5	10	3	2					
	Scantling and Sketch	5	10	3	2					
FORE AND AFTERS	Number	5	10	3	2					
	Spacing	5	10	3	2					
	Scantling* and Sketch	5	10	3	2					
HATCH COVERS	Material	steel hinged O.T.	steel W.T.	steel O.T.	steel hinged	steel cover	steel hinged W.T.			
	Thickness	covers 1 1/2 mm plate	Covers 12 1/2 mm	covers 12 1/2 mm	W.T. covers 12 1/2 mm	12 1/2 mm plate	Cover 12 1/2 mm	Cover 10 mm		
	How fitted	efficiently	plate	plate	12 1/2 mm plate	efficiently stiff.	plate	plate		
	Bearing Surface	constructed	plate	plate	12 1/2 mm plate	with 140 x 10 mm E.W.	plate	plate		
Spacing of Cleats	Screw down toggles									
Number of Tarpaulins	29 mm diam spaced 400 mm apart									
<div> <div>Are wood fore and afters steel shod at all bearing surfaces?</div> <div>Are battens and wedges efficient and in good condition?</div> <div>Are tarpaulins in good condition and in accordance with rule requirements?</div> <div>Are lashings provided in accordance with rule requirements?</div> </div>										

Particulars of any special features:— *The vessel has been built in accordance with the approved plans.*

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.



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