

JUN 8 1939

# Lloyd's Register of Shipping.

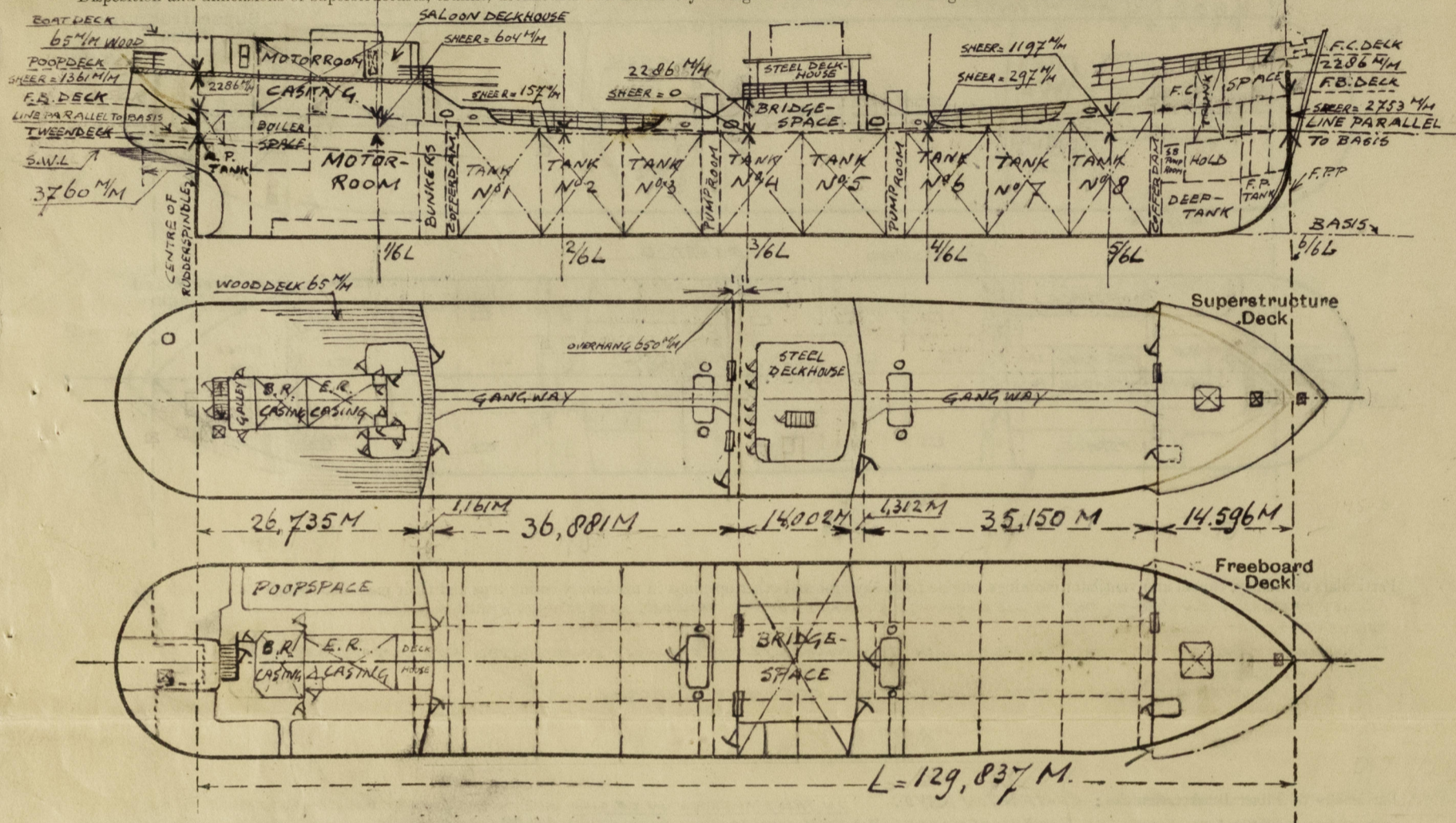
## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. 36029,  
(For London Office only).Amsterdam report  
15679

Ship's Name **"ONDINA"** Port of Survey **AMSTERDAM.**  
 Official Number **✓** Surveyor's Signature **C.H. Meunier.**  
 Nationality and Port of Registry **DUTCH, S-GRAVENHAGE.** 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 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 ...	230x12 EW.	11	230x90x12 AND CASING ENDS.	625-850	AT TOP RIVETED TO LONGIT. BEAMS. BRACKET AT BOTTOM.	2 OPENINGS 1490x800	460	2286
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	2 OPENINGS 1300x950 ONE OPENING 1590x745	590 430	✓
Bridge, After Bulkhead ...	200x9 EW	7 1/2	4120x75x8 4150x75x9	630-754	AT SIDES OF OPENINGS.	ONE OPENING 1590x820	460	2286
Bridge, Forward Bulkhead ...	200x12 EW	11	230x90x12 4100x75x8	745-905	AT TOP RIVETED TO LONGIT. BEAMS BRACKET AT BOTTOM	ONE OPENING 1440x820	610	2286
Forecastle Bulkhead ...	200x12 EW. PLATE 600x9	7 1/2	4150x75x8	700-822	AT SIDES OF TOWN. OPENING.	ONE " 1440x820 ONE " 1220x525	610 450	2286
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Super- structure Decks ...	300x8 1/2	7 1/2	4100x65x8	668	BRACKET AT TOP CONTINUOUS AT BOTTOM	58 R.P. SIDE ONE OPENING 1630x630	300	2440
Machinery Casings within Superstruc- tures 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 HINGED STEEL W.T. DOORS, OPERATED FROM BOTH SIDES.
Raised Quarter Deck Bulkhead ...	ON S.B. SIDE ONE HINGED STEEL W.T. DOOR, OPERATED FROM BOTH SIDES.
Bridge, After Bulkhead ...	TWO STEEL PORTABLE PLATES 9 M THICK, FASTENED WITH HOOK BOLTS 25 M, SPACED 350 M APART.
Bridge, Forward Bulkhead ...	ONE STEEL HINGED W.T. DOOR, OPERATED FROM BOTH SIDES.
Forecastle Bulkhead ...	TWO HINGED STEEL W.T. DOORS, OPERATED FROM BOTH SIDES.
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	ONE STEEL PORTABLE PLATE 9 M THICK, FASTENED WITH HOOK BOLTS 25 M, SPACED 350 M APART.
Exposed Machinery Casings on Super- structure Decks ...	✓
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances ...	ON S.B. & P. SIDE, INSIDE OF DECKHOUSE, EACH SIDE ONE STEEL HINGED DOOR, OPERATED FROM BOTH SIDES.
Deckhouses on Flush Deck Ships ...	✓

Endina

This hand-drawn plan view illustrates the internal layout of a ship's hull. The diagram is divided into three main horizontal sections. The top section shows the upper hull with compartments labeled 'B.R. MOTOR ROOM', 'CASING', 'BOILER', 'A.P. TANK', 'MOTOR ROOM', 'PUMP ROOM', 'HOLD', 'DEEP-TANK', and 'F.C. SPACE'. The middle section shows the 'Superstructure Deck' with 'GANGWAY', 'STEEL', 'HOLD', 'CASING', 'HOLD', and 'GANGWAY'. The bottom section shows the 'Freeboard Deck' with 'POOP SPACE', 'STEERING CASE', 'B.R.', 'CASING', 'HOLD', 'BRIDGE', 'SPACE', 'F.C. SPACE', and 'POOP SPACE'. Various structural details like 'MANHOLE HATCHES', 'O.T. HATCHES', and 'H.W.' are also indicated.

Particulars of Wash Room, Boat-lift : - COMPANIONWAYS : ON FREEBOARD DECK ON STA SIDE ONE COMPANIONWAY BUILT IN P.C. SPACE TO R.C. BULKHEADS LEADING TO FORN. AUX. PUMPROOM, CLOSED BY STEEL HINGED W.T. DOOR 1440x840 MM, SILL 610 MM, OPERATED FROM BOTH SIDES. ON P.R. BOARD DECK IN FORN. AND IN AFTER WELL ONE STEEL COMP WAY TO PUMPROOMS 4204x2570 x 2286 MM HIGH, PLATING 8 MM, STIFFENERS 4100x65x8 MM, SPACED 520 MM - 605 MM APART, BRACKETS AT TOP AND BOTTOM, STEEL HINGED W.T. DOORS 1485x762 MM, SILL 510 MM OPERATED FROM BOTH SIDES. IN POOPSPACE STEEL COMPANLY LEADING TO TERNDECKSPACE, STEEL HINGED W.T. DOOR 1530x680 MM, SILL 310 MM, OPERATED FROM BOTH SIDES. ON BRIDGEDECK IN BRIDGE DECKHOUSE, STEEL COMP WAY TO BRIDGE SPACE, OPENING 1700x810 MM, SILL 200 MM, TERNWIND DOOR OPERATED FROM 2 SIDES. STEEL DECKHOUSE : 6 TERNWIND HINGED DOORS 1600x830 MM, STRONGLY CONSTRUCTED, OPERATED FROM BOTH SIDES, SILL 350 MM, PLATING OF DECKHOUSE Particulars of Companionways : 6 MM THICK, STIFFENERS 4100x65x8 MM, SPACED 610 MM TO 810 MM APART. ON POOPDECK : STEEL DECKHOUSE, STRONGLY BUILT ROUND FRONT OF ENG. ROOM CASING S.E. & PSIDE ONE STEEL HINGED W.T. DOOR 1640x880 MM SILL 250 MM OPERATED FROM BOTH SIDES, GIVING ACCESS TO ENTRANCES OF ENG. ROOM WHICH ARE SEPARATELY CLOSED BY STEEL HINGED DOORS AS GIVEN ON PAGE NO.1. ONE COMP. WAY BUILT TO AFTEREND OF GALLEY, HAVING 2 OPENINGS LEADING TO POOPSPACE, BOTH CLOSED BY HINGED STEEL W.T. DOORS 1530x680 MM, SILL 460 MM OPERATED FROM BOTH SIDES.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks : ON F.C. DECK : TWO GOOSENECK VENTS  $\phi 125 \frac{1}{4} \text{ M} \times 610 \frac{1}{4} \text{ M}$  HIGH, ACTING ON F.C. SPACE; ONE GOOSENECK VENT  $\phi 125 \frac{1}{4} \text{ M} \times 930 \frac{1}{4} \text{ M}$  HIGH TO BELOW FR. BOARD DECK.

1 VENT. COAMINGS  $\phi 250 \frac{1}{4} \text{ M} \times 915 \frac{1}{4} \text{ M}$  HIGH,  $10 \frac{1}{4} \text{ M}$  THICK, LEADING TO BELOW FR. BOARD DECK

2 " "  $\phi 250 \frac{1}{4} \text{ M} \times 915 \frac{1}{4} \text{ M}$  HIGH,  $10 \frac{1}{4} \text{ M}$  " " " " F.C. SPACE

2 " "  $\phi 305 \frac{1}{4} \text{ M} \times 915 \frac{1}{4} \text{ M}$  HIGH,  $10 \frac{1}{4} \text{ M}$  " " " " BELOW FR. BOARD DECK.

ON FREEBOARD DECK : ABOVE FATH. & ABOVE AFTER PUMPROOM EACH 2 VENT. COAMINGS - DERRICK POSTS  $\phi 520 \frac{1}{4} \text{ M}$ ,  $10 \frac{1}{4} \text{ M}$  THICK AND  $5000 \frac{1}{4} \text{ M}$  EXTENDED ABOVE THE DECK, EFF. BRACKETED TO PUMPROOM CORR. WAYS.

ON BRIDGE DECK : ONE GOOSENECK VENT  $\phi 125 \frac{1}{4} \text{ M} \times 610 \frac{1}{4} \text{ M}$  HIGH, TO BRIDGE SPACE.

8 VENT. COAMINGS  $\phi 152 \frac{1}{4} \text{ M} \times 915 \frac{1}{4} \text{ M}$  HIGH,  $10 \frac{1}{4} \text{ M}$  THICK, ALL TO BRIDGE SPACE.

ON POOP DECK : 2 VENT. COAMINGS  $\phi 250 \frac{1}{4} \text{ M}$ ,  $10 \frac{1}{4} \text{ M}$  THICK, LEADING TO POOP SPACE, COAMINGS EXTENDED TO ABOVE THE BOARD DECK

2 " "  $\phi 357 \frac{1}{4} \text{ M}$ ,  $10 \frac{1}{4} \text{ M}$  " " " " " " " "  $915 \frac{1}{4} \text{ M}$  HIGH " "

2 " "  $\phi 305 \frac{1}{4} \text{ M} \times 915 \frac{1}{4} \text{ M}$  HIGH,  $10 \frac{1}{4} \text{ M}$  THICK, ACTING ON SPACES BELOW THE FREEBOARD DECK

13 VENT. COAMINGS  $\phi 250 \frac{1}{4} \text{ M} \times 915 \frac{1}{4} \text{ M}$  HIGH,  $10 \frac{1}{4} \text{ M}$  THICK, ACTING ON SPACES " " COAMINGS

EXTENDED TO ABOVE THE BOARD DECK. 13 GOOSENECK VENTS  $\phi 125 \frac{1}{4} \text{ M} \times 610 \frac{1}{4} \text{ M}$  HIGH, ACTING ON POOP SPACE.

THE GOOSENECK AIRPIPES ARE PROVIDED WITH CANVAS COVERS FOR CLOSING THE OPENINGS, ALL OTHER VENTS ARE FITTED WITH PORTABLE STEEL W.T. PLUGS (SCREW DOWN) FOR CLOSING THE OPENINGS OR WOOD PLUGS AND CANVAS COVERS.

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

ON F.C. DECK: ONE AIRPIPE  $\phi 75 \times 915 \frac{1}{4}$ " HIGH TO F.P. TANK; 4 AIRPIPES  $\phi 90 \times 14 \times 915 \frac{1}{4}$ " HIGH TO FORW. DEEPTANK.

ON FREEBOARD DECK: TO FORW. COFFERDAM ONE AIRPIPE  $\phi 100 \times 14 \times 2280 \frac{1}{4}$ " HIGH, SUPPORTED TO F.C. BND.

TO AFTER COFFERDAM: ONE AIRPIPE  $\phi 100 \times 14 \times 2280 \frac{1}{4}$ " HIGH AND 2 AIRPIPES  $\phi 100 \times 14 \times 2400 \frac{1}{4}$ " HIGH TO CROSS BUNKERS, ALL EFF. SUPPORTED TO POOP FRONT BND.

ON POOP DECK: TO PISTON COOLING WATER D.E. TANK: ONE AIRPIPE  $\phi 75 \times 14 \times 760 \frac{1}{4}$ " HIGH.

TO AFTER DECK TANK: ONE AIRPIPE  $\phi 75 \times 14$  AND ONE PIPE  $\phi 50 \times 14$  BOTH  $760 \frac{1}{4}$ " HIGH.

TO FRESH WATER TANKS BUILT IN IN TWEEN DECK SPACE, 2 AIRPIPES  $\phi 75 \times 14 \times 760 \frac{1}{4}$ " HIGH.

ALL REMAINING AIRPIPES OF D.B. TANKS, ETC. ARE EXTENDED TO ABOVE THE BOAT DECK.

ALL AIRPIPES ARE FITTED WITH GAUSE, CANVAS COVERS OR MINGED STEEL FLAPS FOR CLOSING THE OPENINGS.

ALL GARGOLES ARE CONNECTED TO A COMBINED GASESCAPE PIPE  $\phi 5 \frac{1}{2}$ " WHICH IS EXTENDED 12" ABOVE THE FREEBOARD DECK ALONGSIDE OF FORE- & AFTERMAST AND EFF. SUPPORTED THERE TO.

Particulars of Scuppers and Sanitary Discharge Pipes :- AFTERWELL: 5 SCUPPERS; FORN. WELL 4 SCUPPERS, CUT THROUGH STRINGER & BRIDGEDECK: W.C'S ON BRIDGEDECK AND THEREABOVE DISCHARGE THROUGH STEEL PIPES 6" TO OVERBOARD ABOVE THE FREEBOARDDECK, TWO PIPES ON S.B. SIDE AND ONE PIPE ON P. SIDE, CAST STEEL STORMVALVES FITTED TO SHELL.

POOPDECK: SCUPPERPIES, WELDS AND WASHPLACES BUILT IN POOPSPACE ON FREEBOARDDECK DISCHARGE TO OVERBOARD BY STEEL PIPES THROUGH SHIP'S SIDES, 2250<sup>1</sup>/<sub>4</sub>" BELOW THE FR. BOARDDECK, STORMVALVES IN CONJUNCTION WITH SEACOCKS FITTED TO SHELL ALL OF CAST STEEL AND OPERATED FROM THE TWEENDECK. ✓  
ALL OTHER SANITARY DISCHARGE PIPES FROM SPACES IN DECKHOUSES ON BRIDGE DECK, POOPDECK OR THERE ABOVE DISCHARGE THROUGH VESSEL'S SIDES ABOVE THE FR. BOARDDECK OR 2250<sup>1</sup>/<sub>4</sub>" BELOW THE FR. BOARD DECK BY STEEL PIPES, NO STORMVALVES TO SHELL FITTED. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 10999 m/m.

Particulars of Guard Rails:— OPEN RAIL ON FR. BOARD DECK IN FORW. & AFTERWELL AND ON F.C. - BRIDGE POOP DECK, 1120<sup>M</sup>/M HIGH STANCHIONS SPACED ABOUT 1200<sup>M</sup>/M APART.

Particulars of Gangways, Lifelines, etc. :-

GANGWAY EXTENDED FROM THE  
POOPDECK OVER PUMPROOM -  
DECKHOUSES TO BRIDGE DECK AND  
TO F.C. DECK, CONSTRUCTED AS  
PER SKETCH. SUPPORTS SPACED  
2120 TO 2730 <sup>3</sup>/<sub>4</sub> IN. APART.  
CROSS TIES FITTED ON EACH SET  
OF SUPPORTS AND LONG <sup>1</sup>/<sub>2</sub> TIES  
FITTED BETWEEN ALTERNATE  
SUPPORTS ON BOTH SIDES ALL  
AS APPROVED. ✓

Particulars of Freeing Arrangements.

LENGTHS AT SIDES.	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side,
After Well ... 37.20M	10.60M REMAINING PART OPEN RAIL ✓	1.10M	0.95 x 0.50M	3	✓	✓
Forward Well 35.59M	14.25M	1.10M	0.95 x 0.50	one	✓	✓

State position of each freeing port ... .. { After Well:— } 330<sup>M</sup>/M ABOVE THE DECK.  
(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:— *THREE VERT. RODS  $\phi$  1"*

Additional area where sheer is less than standard.

### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
ON F.C. DECK				ON FREEBOARD DECK				ON POOPDECK		
Description of Hatchway	TO FORM. HOLD M/M	TO CHAIN-LOCKER	TO F.C. STORES M/M	OILTIGHT HATCHES ON CARGO TANKS	MANHOLE - HATCHES TO COFFERDAMS & CROSSBUNKERS	TWEEN-DECK STORES FORM. M/M	TWEEN-DECK STORES AFT. M/M	TO POOPSPACE	ESCAPE HATCHWAY.	
Dimensions of Hatchway	3050x2600	760x760	700x610	1370x1070 1/4"	600x450 1/4"	700x610	840x840	600x600 1/4"	400 1/4"	
COAMINGS	Height above Deck	790	4240x75x10	4280x75x12	790	270x90x	4240x75x10	4100x75x9	240x75x9	2150x75x9
	Thickness { Sides	10			125					
	Thickness { Ends	10			125	90x 1 1/4"				
	Stiffeners	✓			✓	✓	✓	✓		✓
	Brackets, Stays									
HATCH BEAMS	Number	HATCHWAY TRUNKED IN			IN FORM. WELL		ON FORM. AND ON AFTER-			
	Spacing	BETW. F.C. & FR. BOARD DECK			TOTAL 12 HATCHES		COFFERDAM			
	Scantling and Sketch	SMALLER SCANTLING MADE IN STEEL COVER 4"x6 1/2" M/M COAMING & 150x75x9 HINGED STEEL W.T. COVER			IN AFTERWELL		EACH 3 HATCHES ON BUNKERS			
	Bearing Surface	PLATE 12 5/16"			TOTAL 12 HATCHES		4 HATCHES			
FORE AND AFTERS	Number									
	Spacing									
	Unsupported Lengths									
	Scantling* and Sketch									
	Bearing Surface	STEEL W.T. COVER 12 5/16" PLATE EFF. SECURED BY 4"x150x75x9	HINGED STEEL W.T. COVER 12 5/16" PLATE EFF. SECURED.	HINGED STEEL W.T. COVER 12 5/16" PLATE EFF. SECURED.	STEEL HINGED O.T. COVERS 12 5/16" THICK EFF. CONSTRUCTED	PORTABLE STEEL PLATES 12 5/16" THICK BOLTED W.T. BOLTS 6 1/4" SPACED 25" APART.	HINGED STEEL W.T. COVER PLATE 12 5/16" EFF. SECURED.	HINGED STEEL COVER EFF. SECURED.	HINGED STEEL W.T. COVER 12 5/16" PLATE EFF. SECURED.	HINGED STEEL W.T. COVER PLATE 12 5/16" EFF. SECURED.
HATCH COVERS	Material									
	Thickness									
	How fitted									
	Bearing Surface	4"x150x75x9								
Spacing of Cleats	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Tarpaulins	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*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:— *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.