

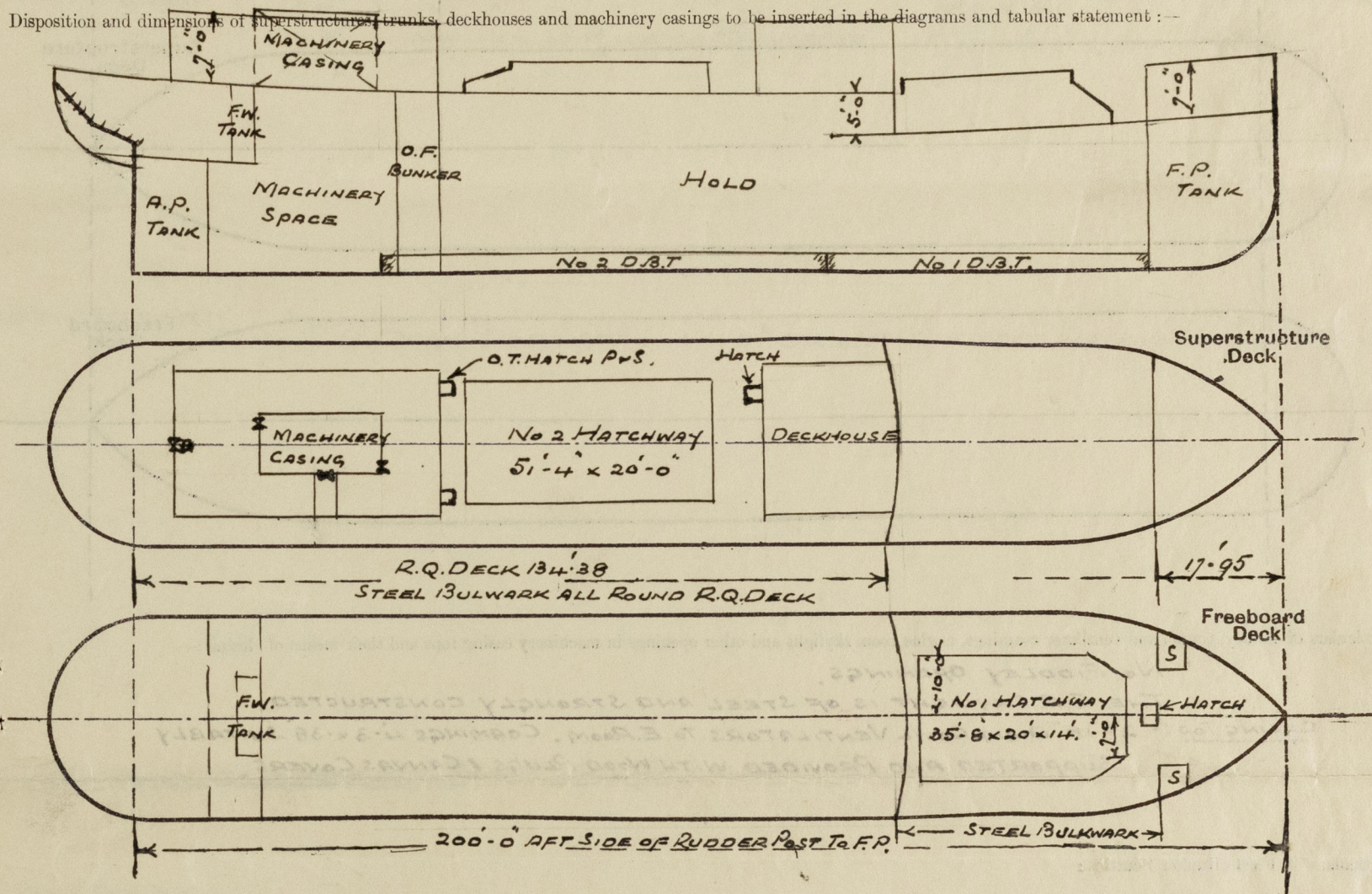
# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

Ship's Name **"CATO"** Port of Survey **GOOLE**  
 Official Number **169390** Surveyor's Signature **J. I. Palmer**  
 Nationality and Port of Registry **BRITISH** Date of Survey **DURING CONSTRUCTION**

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.

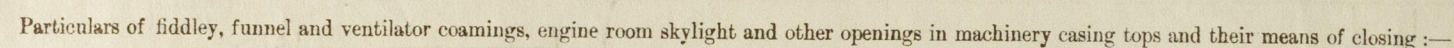
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...								
Raised Quarter Deck Bulkhead ...	NONE	.30"	5 DIAPHRAGMS 52.3 x 30 C.A.	5'-0" 2'-6"	✓	NONE	✓	5'-0"
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...	OPEN FORECASTLE							
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	✓	.26"	3 x 23 x 30	30"	BRACKETS TO CASING TOP	NONE	NONE	24" ABOVE BOAT DECK
Machinery Casings within Superstructure not fitted with Class I Closing Appliances ...	.30"	.26"	3 x 23 x 30	30"	✓	3 @ 5'-0" x 24"	18"	7'-0" TO BOAT DECK
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	NO OPENINGS
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	OPEN FORECASTLE
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	NO OPENINGS
Machinery Casings within Superstructure not fitted with Class I Closing Appliances ...	3 HINGED STEEL DOORS, CAPABLE OF BEING OPERATED FROM BOTH SIDES.
Deckhouses on Flush Deck Ships ...	✓



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:—



THE E.R. SKYLIGHT IS OF STEEL AND STRONGLY CONSTRUCTED.

CASING TOP:- 2-18" DIAM COWL VENTILATORS TO E. ROOM. COAMINGS 4-3/4" X 38" SUITABLY SUPPORTED AND PROVIDED WITH WOOD PLUGS & CANVAS COVERS.

NONE

ENTRANCE TO SEAMEN'S ACCOMMODATION THRO' LADDERWAY IN  
AFTER DECKHOUSE, OPENING 4'-10" x 22", CLOSED BY HINGED WOOD DOOR  
OPERATED FROM BOTH SIDES. SILL 18".

Upper Deck:- 2-13½" DIAM COWL VENTS TO HOLD 5'-0" x 4'-0" x 36" SUITABLY SUPPORTED.

ALL VENTILATORS ARE PROVIDED WITH WOOD PLUGS  
AND CANVAS COVERS

FLE DECK: 1- 1- 3" DIAM <sup>18"</sup> TO F.P. TANK						
Upper	"	1- 2- 4 1/2 "	36"	No 1	"	} PROVIDED WITH WOOD PLUGS ✓
R.Q.	"	1- 2- 4 1/2 "	30"	No 2	"	
"	"	1- 3 "	30"	A.P.	"	
Boat	"	1- 2- 3 "	12"	O.F.	"	PROVIDED WITH WIRE GAUZE DIAPHRAGM. ✓

Cato.

NONE

FORW<sup>D</sup> WELL :- 3-6" x 3" PLS. OPEN SCUPPERS THROUGH SHEER STRAKE

AFTER " 1 - 6 - 6<sup>2</sup>8 " " " " R.Q.O.K. "  
 AMIDSHIPS (PKS) 1 - 1/2" DIAM NON-RETURN VALVE ON DISCHARGES FROM OFFICER'S WASH & PANTRY. ✓  
 " (SS) 1 - 1/4" " SCREW DOWN NON-RETURN VALVE ON " " " W.C. WITH CONTROL ROD CONTROLLED ✓  
 IN ENGINE ROOM " 1 - 1/4" " " " " " " CREW'S W.C. " " " CONTROL ABOVE R.Q. DECK. ✓  
 " " 2 - 3" NON-RETURN VALVE ON DISCHARGES " ENGINEER'S & CREW'S WASH ✓  
 " " 1 - 1/2" " " " " " " GALLEY. ✓

IN R. Q. DECK SIDES AFT, 3-10" DIAM (PTS) FITTED WITH HINGED DEADLIGHTS.

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

19'-3

AT SIDES AND AFTER END OF FORECASTLE.  $2\frac{1}{2} \times \frac{5}{8}$  FLAT BAR STANCHIONS  
3'-0" HIGH WITH ROUND IRON TOP & BOTTOM RAILS

BOAT DECK:-

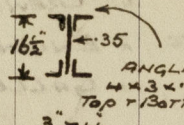


S.W. ROPE LIFELINE FITTED IN FORWARD WELL, SECURED TO EYEPLATES ON R.Q. DECK AND FORECASTLE BULKHEADS (PTS).

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 ... ..	139'-0	3'-3	11'-0" x 6"	5	27 $\phi$	27 $\phi$
Forward Well ... ..	47'-67	3'-6	(1) 8'-0" x 6" (2) 9'-2" x 6"	3	13 $\phi$	11.4 $\phi$
<p>State position of each freeing port ... .. { After Well:—  (F. and A. position and height above deck edge) Forward Well:—  HEIGHT 65"  HEIGHT 92"</p> <p>FROM R. Q. DECK BULKHEAD TO FORE EDGE OF EACH OPENING 7'-4", 33'-0", 60'-8 1/2", 109'-11"</p> <p>" " " " AFTER " " " " 4'-10", 18'-4" @ 33'-0"</p> <p>State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— NONE.</p> <p>Additional area where sheer is less than standard. ✓</p>						



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
UPPER DECK - R.Q. DECK										
Description of Hatchway	No 1	ACCESS TO HOLO	No 2	ACCESS TO HOLO	ACCESS TO O.F. BUNKER					
Dimensions of Hatchway	35'-6" x 20' x 14"	24" x 24"	51'-4" x 20'-0"	24" x 24"	(2) 30" x 22"					
COAMINGS	Height above Deck ... 4'-2" Thickness { Sides ... 1 1/4" Ends ... 1 1/4" Stiffeners ... 3/4" x 3" x 30' L Brackets, Stays ... SEVEN 30" FLANGED PLATE	24" 5/16" ✓ ✓ ✓	3'-11" 1 1/4" 1 1/4" 8 x 3" x 40' BQ. FIVE 30" FLANGED PLATE	30" 5/16" ✓ ✓ ✓	30" 5/16" ✓ ✓ ✓					
HATCH BEAMS	Number ... 7 Spacing ... 4'-5 3/8" Scantling and Sketch ... 	✓ ✓ ✓	13" 3" ✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓					
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...	NONE ✓ NONE ✓ ✓	NONE ✓ NONE ✓ ✓	NONE ✓ NONE ✓ ✓	NONE ✓ NONE ✓ ✓	NONE ✓ NONE ✓ ✓				
HATCH COVERS	Material ... WOOD Thickness ... 2 1/2" How fitted ... F.Y.A. Bearing Surface ... 3" x 4"	STEEL 5/16" HINGED W.T. 6 BUTTERFLY SCREWS	WOOD 2 1/2" F.Y.A. 3" x 4"	STEEL 5/16" HINGED W.T. 6 BUTTERFLY SCREWS	STEEL 5/16" HINGED O.T. 6 BUTTERFLY SCREWS	STEEL 5/16" HINGED O.T. 6 BUTTERFLY SCREWS				
Spacing of Cleats	24"		24"							
Number of Tarpaulins	2		2							
*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.										

Particulars of any special features:—

BOTH CARGO HATCHWAYS ARE PROVIDED WITH SPECIAL LASHINGS CONSISTING OF TWO S.W.R. WITH STRETCHING SCREWS TO EACH SECTION OF HATCHES.

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