

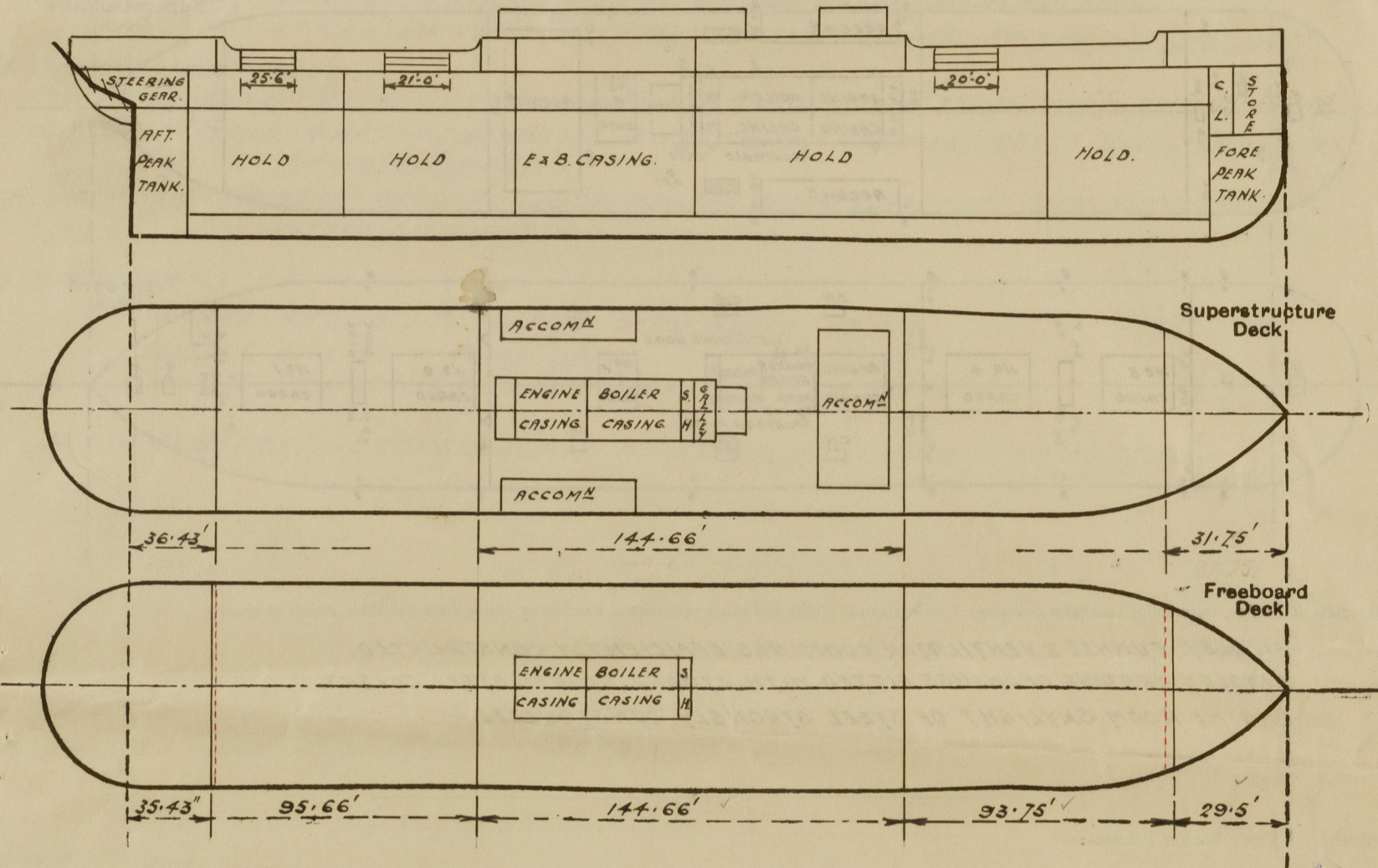
Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

35468  
Index No. (For London Office only).

GRK REPORT N° 20463.

Ship's Name "JALAKRISHNA" Port of Survey PORT GLASGOW.  
Official Number Surveyor's Signature J. A. Jameson  
Nationality and Port of Registry BRITISH. BOMBAY. Date of Survey WHILE BUILDING.

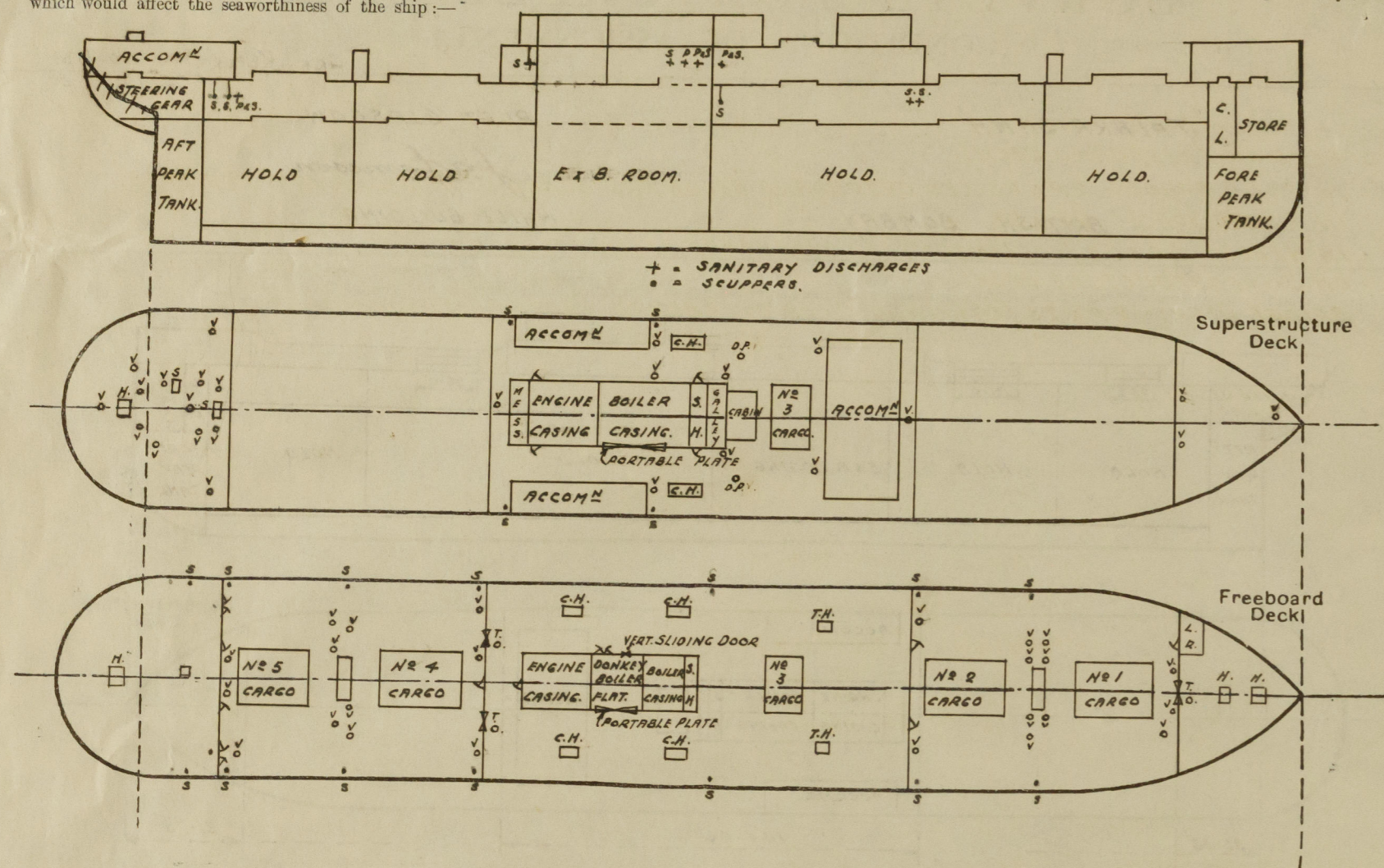
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement : —



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 ... ..	.38" ✓	.38" ✓	6" x 3" x .44" B.A.	30" ✓	LUGS T. & B.	2 @ 5'-0" x 2'-6" 4 @ 5'-0" x 2'-0"	18" ✓	7'-3" ✓
<del>Raised Quarter Deck Bulkhead ...</del>								
Bridge, After Bulkhead ... ..	.30"	.30"	6" B.A. RT GIRDER. 4" x 3" x .32" O.A.	30" TO 36"	NONE	2 @ 5'-0" x 3'-6" 1 @ 5'-0" x 3'-0"	18" ✓	8'-0" ✓
Bridge, Forward Bulkhead ... ..	.44"	.44"	9" x 3" x .44" B.A.	27" TO 30"	LUGS T. & B.	2 @ 5'-0" x 3'-0"	18" ✓	8'-0" ✓
Forecastle Bulkhead ... ..	.30"	.30"	4" x 3" x .32" O.A.	31" TO 34"	NONE	1 @ 5'-0" x 4'-0" 1 @ 5'-0" x 2'-0"	18" ✓	7'-3" ✓
<del>Trunk, Aft ... ..</del>								
<del>Trunk, Forward ... ..</del>								
<del>Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...</del>								
Exposed Machinery Casings on Superstructure Decks ... ..	.34"	.30"	3" x 3" x .30" 3" x 3" x .35" ✓	31"	BRACKET TOP CONT. BAR BOTTOM	2 @ 5'-0" x 2'-0" 2 @ 5'-0" x 2'-3" 1 @ 10'-6" x 3'-3"	18" ✓ 18" ✓ 7" ✓	7'-6" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	.30" & .40"	.26"	3" x 3" x .30" 3" x 3" x .35" ✓	31"	CONTIN. BAR TOP & BOTTOM	1 @ 5'-0" x 3'-0" 1 @ 5'-2" x 4'-0" 1 @ 10'-6" x 5'-6" 1 @ 2'-0" x 2'-0"	15 1/2" ✓ 18" ✓ 18" ✓ 18" ✓	8'-0" ✓
<del>Deckhouses on Flush Deck Ships ...</del>								
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ... ..	2 STEEL & 4 WOOD DOORS, MANIPULATED FROM BOTH SIDES. ✓							
<del>Raised Quarter Deck Bulkhead ...</del>								
Bridge, After Bulkhead ... ..	2 TONNAGE OPENINGS WITH 3" SHIFTING BOARDS IN RIVETED CHANNELS FOR FULL HEIGHT OF OPENINGS. 1 STEEL DOOR MANIPULATED FROM BOTH SIDES. ✓							
Bridge, Forward Bulkhead ... ..	2 WATERTIGHT STEEL DOORS MANIPULATED FROM BOTH SIDES. ✓							
Forecastle Bulkhead ... ..	TONNAGE OPENING WITH 3 1/4" SHIFTING BOARDS IN RIVETED CHANNELS FOR FULL HEIGHT OF OPENING. 1 STEEL DOOR MANIPULATED FROM BOTH SIDES. ✓							
<del>Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...</del>								
Exposed Machinery Casings on Superstructure Decks ... ..	2 WOOD DOORS TO ENGINE ROOM & 2 STEEL DOORS TO STOKENHOLD, MANIPULATED FROM BOTH SIDES. PORTABLE PLATE, STAR <sup>d</sup> WITH THROUGH BOLTS SPACED 4 1/2" APART. ✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	1 STEEL DOOR TO ENGINE ROOM & 1 DOUBLE HINGED STEEL DOOR TO DONKEY BOILER FLAT. MANIPULATED FROM BOTH SIDES. PORTABLE PLATE FOR WITHDRAWING BOILER TUBES WITH THROUGH BOLTS SPACED 4 1/2" APART. ✓							
<del>Deckhouses on Flush Deck Ships ...</del>	VERTICAL SLIDING COALING DOOR TO DONKEY BOILER FLAT, MANIPULATED FROM ONE SIDE ONLY. ✓							

# 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:—

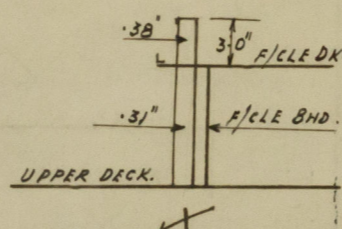
FIDDLEY, FUNNEL & VENTILATOR COAMINGS EFFICIENTLY CONSTRUCTED.  
FIDDLEY GRATING OPENINGS FITTED WITH STRONG HINGED STEEL COVERS.  
ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED.

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:—

NONE.



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

POOP DK: 1-18" DIA 30" x 40" COAMING TO TUNNEL.  
4-15" " 30" x 36" " CREW.  
1-9" " 30" x 32" " STORE.  
3-9" " " " STEERING GEAR.  
2-9" " " " GALLEY.  
2-6" " 30" x 30" " CREW.  
BRIDGE DK: 2-18" DIA 30" x 40" COAMING TO SIDE BUNKERS.  
1-18" " " " BRIDGE SPACE.  
1-16" DIA 30" x 38" COAMING TO NO 2 HOLD.  
2-16" " 30" x 38" COAMING TO CROSS BUNKER.  
1-16" " " " NO 2 HOLD.  
1-10" " 30" x 32" " TWEEN DECK.  
1-15" " 30" x 36" " " "  
F/CLE DK: 1-8" DIA 36" x 30" COAMING TO STORE.  
UPPER DK: 12-16" DIA 36" x 38" COAMING TO HOLDS.  
10-16" " " " TWEEN DECK.  
2-16" " 7-3/4" x 31" WITHIN OVERHANG OF F/CLE DK.  
3-0" x 38" COAMING ABOVE F/CLE DK. TO TWEEN DKS.  
PILOT BRIDGE: 1-18" DIA 24" x 40" COAMING TO BRIDGE SPACE.  
ALL VENTILATORS CONSTRUCTED IN ACCORDANCE WITH THE RULES & PROVIDED WITH WOOD PLUGS & CANVAS COVERS.

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

POOP DK: 1-3" DIA TO RUDDER TRUNK.  
2-5" " " AFT PEAK TANK.  
UPPER DK: 3-3/2" " NO 6 D.B. TANK.  
2-3/2" " NO 5 " "  
BRIDGE DK: 2-5" DIA TO NO 5 D.B. TANK.  
2-3" " " NO 4 " "  
2-5" " " " " "  
3-5" " " DRY TANK.  
2-3/2" " NO 3 D.B. TANK.  
BRIDGE DK: 2-5" DIA TO NO 3 D.B. TANK.  
2-3" " " NO 2 " "  
UPPER DK: 4-5" " " " " "  
2-3" " " NO 1 " "  
F/CLE DK: 1-3" " " " " "  
3-5" " " FORE PEAK TANK.  
ALL AIR PIPES FITTED WITH WOOD PLUGS, COAMINGS 36" HIGH ON UPPER DK. & 18" HIGH ON POOP, BRIDGE & F/CLE DECK.

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

SCUPPERS ON FREEBOARD DECK:—

IN POOP SPACE: 2 P & 2 S LED OVERBOARD BELOW FREEBOARD DECK, STORMVALVES FITTED.  
IN BRIDGE SPACE: 2 P & 2 S. " " " " " "  
IN WELLS: 5 P & 5 S (COLLINSON) LED OVERBOARD BELOW FREEBOARD DECK.  
ON SUPERSTRUCTURE DECK:—  
BRIDGE DECK: 2 P & 2 S (COLLINSON) LED OVERBOARD ABOVE FREEBOARD DECK.  
1 P & 1 S LED OVERBOARD ABOVE FREEBOARD DECK (LED INTO SANITARY DISCHARGE).

SANITARY DISCHARGES:—

ON FREEBOARD DECK: LED OVERBOARD BELOW FREEBOARD DECK, STORMVALVES FITTED, EFFICIENT.  
ON SUPERDECK: IN WAY OF SIDEHOUSES, LED OVERBOARD ABOVE FREEBOARD DECK, STORMVALVES FITTED, EFFICIENT.  
IN WAY OF AMIDSHIP ACCOM: LED OVERBOARD BELOW FREEBOARD DECK, STORMVALVES FITTED, EFFICIENT.

Particulars of Side Scuttles:—

4 - OFF. 2 P & 2 S. IN STEERING GEAR SPACE, 12" DIA.  
16 - OFF. 8 P & 8 S. IN POOP SPACE. 12" DIA.  
4 - OFF. 2 P & 2 S IN FORECASTLE SPACE 12" DIA.

ALL OF SUBSTANTIAL CONSTRUCTION & FITTED WITH HINGED DEADLIGHTS.

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

32'-3"

Particulars of Guard Rails:—

POOP & FORECASTLE DECKS: FITTED WITH 3 RAIL STANCHIONS (TOP 1 1/4" DIA. OTHERS 7/8" DIA.) 3'-6" HIGH. STANCHIONS SPACED ABOUT 5'-0" APART.  
BRIDGE DECK: FITTED WITH 3 RAIL STANCHIONS (TOP 1 1/4" DIA. OTHERS 7/8" DIA.) 3'-6" HIGH. CLEAR OF SIDEHOUSES. STANCHIONS SPACED ABOUT 5'-0" APART.  
UPPER DECK: STEEL BULWARKS 3'-6" HIGH. SUBSTANTIALLY CONSTRUCTED, WITH PORTABLE RAILS IN WAY OF NO 2, 4 & 5 HATCHES.

Particulars of Gangways, Lifelines, etc.:—

LIFELINES: FITTED IN FORE & AFT WELLS FOR PROTECTION OF CREW.

## 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	94'-8"	3'-6"	OPEN RAILS IN WAY OF NO 4 HATCH 21'-0" NO 5 HATCH 25'-6"	✓	✓	18.93 f
Forward Well	91'-5" 93'-9"	3'-6"	NO 2 HATCH 20'-0"	✓	✓	18.30 f

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 <del>AND SUPERSTRUCTURE</del> DECKS.											
Description of Hatchway	Nº 1	Nº 2	Nº 3	Nº 4	Nº 5	TO STEERING GEAR	COALING HATCH.	TRIMMING HATCH	CHAIN LOCKER	STORE UNDER FORECASTLE	
Dimensions of Hatchway	24'9" x 18'0"	30'4" x 18'0"	16'4" x 18'0"	30'4" x 18'0"	25'8" x 18'0"	4'0" x 4'0"	24'6" x 3'0"	20'2" x 2'6"	2'0" x 3'6"	4'1" x 2'11"	
COAMINGS	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 44" Stiffeners AT SIDES ... 9" x 3" x 44" B.A. Brackets, Stays AT SIDES ... 2 1/2" DIA.	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 44" Stiffeners AT SIDES ... 9" x 3" x 44" B.A. Brackets, Stays AT SIDES ... 3 1/2" DIA.	Height above Deck ... 9" Thickness { Sides ... 3" Ends ... 3" Stiffeners AT SIDES ... 44" B.A. Brackets, Stays AT SIDES ... 3 1/2" DIA.	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 44" Stiffeners AT SIDES ... 9" x 3" x 44" B.A. Brackets, Stays AT SIDES ... 2 1/2" DIA.	Height above Deck ... 30" Thickness { Sides ... 50" Ends ... 44" Stiffeners AT SIDES ... 9" x 3" x 44" B.A. Brackets, Stays AT SIDES ... 2 1/2" DIA.	Height above Deck ... 6 1/2" Thickness { Sides ... 44" Ends ... 44" Stiffeners AT SIDES ... 44" B.A. Brackets, Stays AT SIDES ... 44" B.A.	Height above Deck ... 9" Thickness { Sides ... 3" Ends ... 3" Stiffeners AT SIDES ... 44" B.A. Brackets, Stays AT SIDES ... 44" B.A.	Height above Deck ... 9" Thickness { Sides ... 3" Ends ... 3" Stiffeners AT SIDES ... 44" B.A. Brackets, Stays AT SIDES ... 44" B.A.	Height above Deck ... 9" Thickness { Sides ... 3" Ends ... 3" Stiffeners AT SIDES ... 44" B.A. Brackets, Stays AT SIDES ... 44" B.A.	Height above Deck ... 9" Thickness { Sides ... 3" Ends ... 3" Stiffeners AT SIDES ... 44" B.A. Brackets, Stays AT SIDES ... 44" B.A.	
HATCH BEAMS	Number ... 4 Spacing (MAXIMUM) ... 5'0 1/2" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 36" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 5 Spacing (MAXIMUM) ... 5'1 5/8" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 37" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 3 Spacing (MAXIMUM) ... 4'1" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 14" x 34" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 5 Spacing (MAXIMUM) ... 5'1 5/8" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 37" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 4 Spacing (MAXIMUM) ... 5'2 3/4" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 38" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 4 Spacing (MAXIMUM) ... 5'2 3/4" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 38" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 4 Spacing (MAXIMUM) ... 5'2 3/4" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 38" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 4 Spacing (MAXIMUM) ... 5'2 3/4" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 38" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 4 Spacing (MAXIMUM) ... 5'2 3/4" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 38" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	Number ... 4 Spacing (MAXIMUM) ... 5'2 3/4" Scantling and Sketch ... TOP ANGLES 4" x 3" x 45" PLATE 18 3/8" x 38" BOTTOM ANGLES 4" x 3" x 45" Bearing Surface ... 4"	
FORE AND AFTERS											
HATCH COVERS	Material ... W.P. Thickness ... 2 1/2" How fitted ... F.A.A. Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... F.A.A. Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... F.A.A. Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... F.A.A. Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... F.A.A. Bearing Surface ... 3"	Material ... STEEL Thickness ... 3/8" How fitted ... V Bearing Surface ... (BOLTED PLT.)	Material ... W.P. Thickness ... 2 1/2" How fitted ... ATH. Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... F.A.A. Bearing Surface ... 3"	Material ... W.P. Thickness ... 2 1/2" How fitted ... ATH. Bearing Surface ... 3"	
Spacing of Cleats	24"	24"	24"	24"	24"	24"	22"	12"/18"	13"/18"	15"/18"	
Number of Tarpaulins	2	2	1	2	2	1	1	1	1	1	
*Are wood fore and afters steel shod at all bearing surfaces? YES 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:—

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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