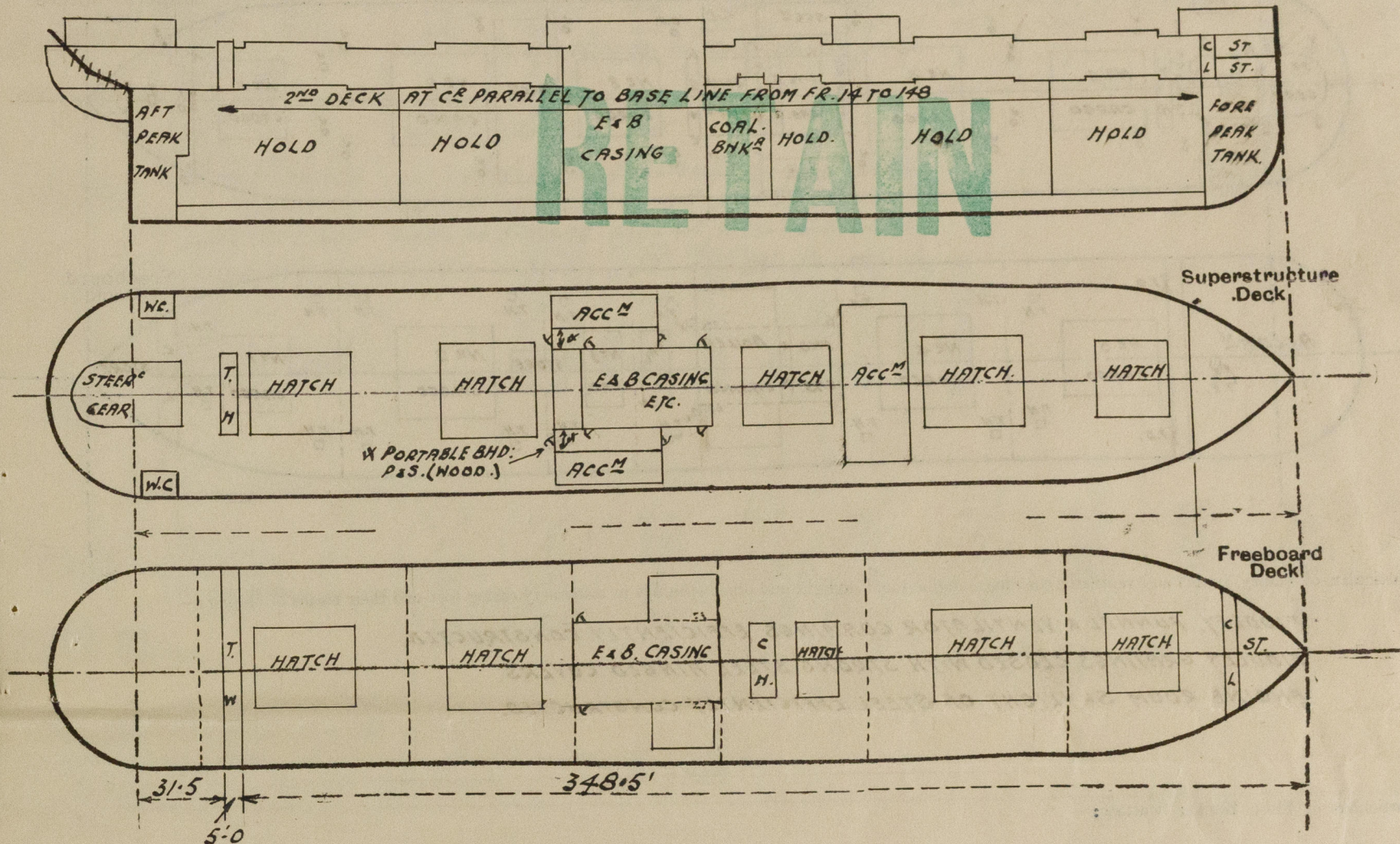


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

GRK REPORT N° 20623.

Ship's Name "COULTARN"
Official Number 165949
Nationality and Port of Registry BRITISH GLASGOW.
Port of Survey PORT GLASGOW
Surveyor's Signature J. A. Jamieson
Date of Survey WHILE BUILDING.

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



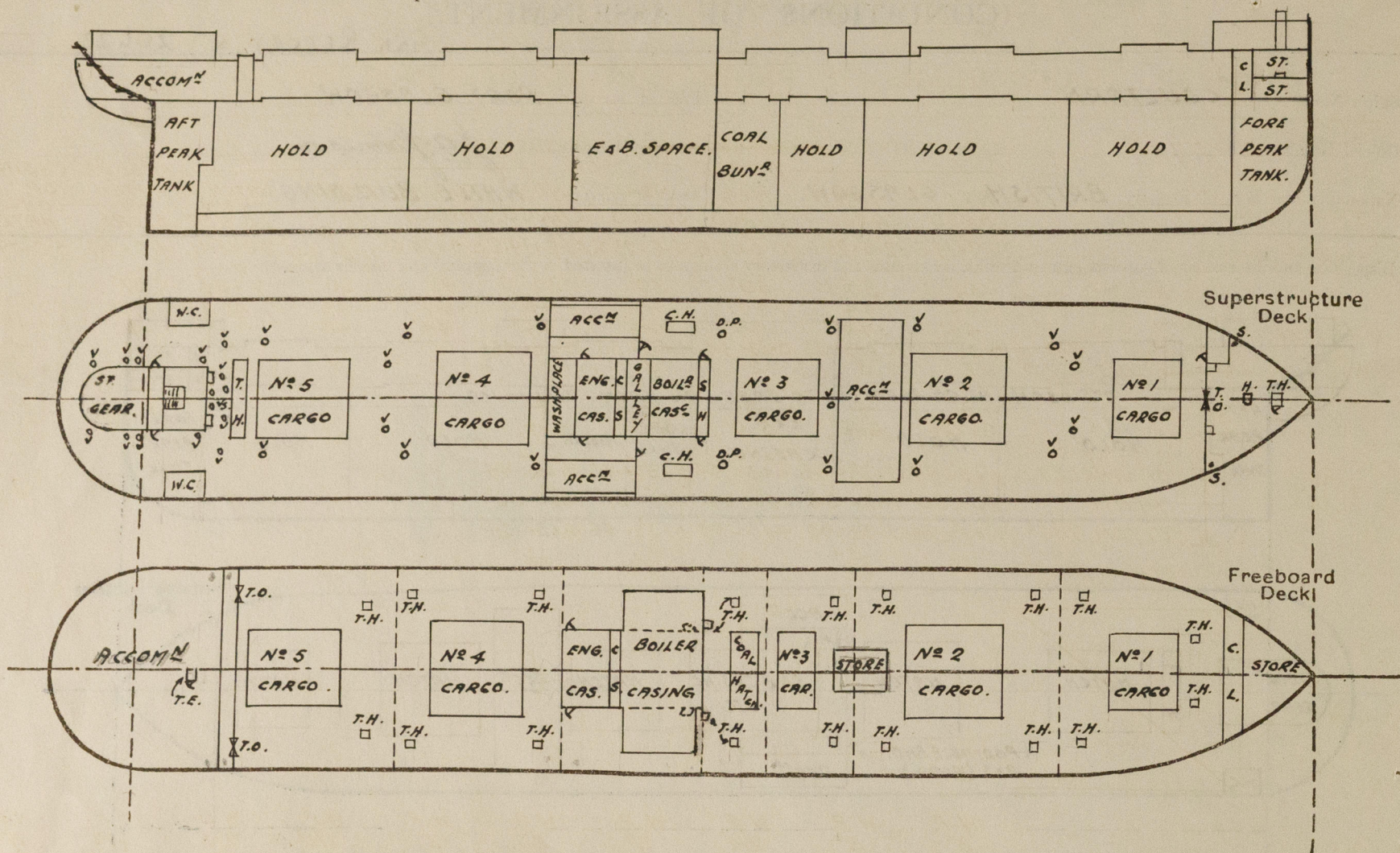
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.30" ✓	.30" ✓	3½" x 3" x .30"	27" - 33" ✓	NONE	NONE	✓	10' 1½"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	.30" ✓	.30" ✓	3½" x 3" x .30" 6" B.A. AT GIRDER	29" ✓	NONE	2 @ 5'-0" x 3'-1"	18" ✓	10' 2½"
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ON S.D. ...	.26" ✓	.26" ✓	3½" x 3" x .30"	25" - 30"	CONT. BAR TOP & BOTTOM	1 @ 5'-0" x 4'-1" 1 @ 4'-6" x 2'-3"	5" 15"	6'-6"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	.34" ✓	.30" ✓	3½" x 3" x .30"	33" ✓	BKT. TOP CONT. BAR BOTTOM.	4 @ 5'-0" x 2'-0"	18" ✓	7'-9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.30" ✓	.26" ✓	3½" x 3" x .30"	33" ✓	CONT. BAR TOP & BOTTOM.	2 @ 2'-0" x 1'-10" 2 @ 5'-0" x 2'-3"	62" 18" ✓	8'-3" 8'-0"
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	NONE No OPENINGS ✓
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	2 TONNAGE OPENINGS, WITH STORM BOARDS, 3" THICK, IN RIVETED CHANNELS, FULL HEIGHT. ✓
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ON S.D. ...	1 TONNAGE OPENING, WITH STORM BOARDS, 3/4" THICK, IN RIVETED CHANNELS, FULL HEIGHT. STEEL DOOR (HINGED) MANIPULATED FROM BOTH SIDES.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ...	4 STEEL DOORS (HINGED) MANIPULATED FROM BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	2 STEEL DOORS (HINGED) MANIPULATED FROM BOTH SIDES ✓ 2 STEEL DOORS (HINGED) MANIPULATED FROM BOTH SIDES. ✓
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 fiddley, 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 GRATINGS CLOSED WITH STRONG STEEL HINGED COVERS.

ENGINE ROOM SKYLIGHT OF STEEL EFFICIENTLY CONSTRUCTED.

Particulars of Flush Bunker Scuttles:—

NONE. ✓

Particulars of Companionways :—

ENTRANCE TO CREWS QUARTERS, IN POOP SPACE, FROM AFTER STEEL HOUSE, SOLID WOOD DOORS, 18" COAMINGS. ✓

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

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

Particulars	Dimensions	Remarks
UPPER DK. 1- 10" DIA TO TUNNEL.	COAMING 30" x 32"	✓
13- 6" " " CREW ACCOM ^d	" 30" x 30"	✓
1- 6" " TO LOCKER	" 30" x 30"	✓
10- 24" DIA. TO HOLD & TWEEN. DKS.	COAMING 24" x 40"	✓
2- 24" " " TWEEN DECKS	" 7'-0" x 40"	STAYED. ✓
4- 24" " " " "	" 8'-0" x 40"	STAYED. ✓
FORECASTLE DECK.		
2- 24" DIA. TO HOLD & TWEEN DKS.	3'-0" x 40"	COAMING ✓
1- 10" " " STORE.	COAMING 3'-0" x 32"	✓
1- 6" " " LAMP ROOM	" " x 30"	✓

ALL VENTILATORS CONSTRUCTED TO RULE REQUIREMENTS & PROVIDED WITH WOOD PLUGS & CANVAS COVERS.

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

UPPER DK1- 1- 2 $\frac{1}{2}$ " DIA. TO RUDDER TRUNK 2- 3 $\frac{1}{2}$ " DIA. TO N°3 D.B. TANK. F/CLE DECK1.
1- 3" " " AFTER PEAK 2- 2" " " DRY TANK 2- 3 $\frac{1}{2}$ " DIA. TO N°1 D.B. TANK
1- 2" " " N°5 D.B. TANK 2- 4 $\frac{1}{2}$ " " " N°2 D.B. TANK 1- 3" " " FORE PEAK.
2- 3 $\frac{1}{2}$ " " " " " " 2- 3 $\frac{1}{2}$ " " " " " "
2- 4 $\frac{1}{2}$ " " " N°4 " "
2- 3 $\frac{1}{2}$ " " " " " " WOOD PLUGS FITTED
2- 4 $\frac{1}{2}$ " " " N°3 " " ALL AIR PIPES 18" ABOVE DECK TO OPENINGS. ✓

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.												
SUPERSTRUCTURE UPPER DECK.												
Description of Hatchway	...	...	Nº1 CARGO	Nº2 CARGO	Nº3 CARGO	Nº4 CARGO	Nº5 CARGO	TONNAGE HATCH.	COAL HATCH.	HATCH TO CHAIN LOCKER	HATCH TO STORE.	TOP COAL HATCH.
Dimensions of Hatchway	...	...	24'9" x 19'6"	32'6" x 23'6"	30'0" x 19'6"	32'6" x 23'6"	32'6" x 19'6"	5'0" x 19'6"	11'3" x 4'0"	2'0" x 1'11"	4'0" x 3'0"	5'0" x 19'6"
COAMINGS	Height above Deck	...	30"	30"	30"	30"	30"	9 1/2"	30"	9" x 3 1/2"	27"	9"
	Thickness	{ Sides Ends	.44"	.44"	.44"	.44"	.44"	.44"	.44"	x .40 B.A.	.40"	.40"
	Stiffeners	...	A.A.	A.A.	A.A.	A.A.	A.A.	✓	✓	✓	✓	✓
	Brackets, Stays	...	2	3	2	3	3	✓	✓	✓	✓	✓
HATCH BEAMS	Number	...	3	4	5	4	4					
	Spacing	...	6' 2 1/4"	6' 6"	5' 0"	6' 6"	6' 6"					
	Scantling and Sketch	...										
	TOP ANGLES	...	4" x 3" x .44	5" x 3 1/2" x .46	4" x 3" x .44	5" x 3 1/2" x .46	4" x 3" x .44		✓	✓	✓	✓
	PLATE	...	20" x .38"	18 1/2" x .36	14" x .34	18 1/2" x .37	16 1/2" x .36	✓				
	BOTTOM ANGLES	...	4" x 3" x .44	5" x 3 1/2" x .46	4" x 3" x .44	5" x 3 1/2" x .46	4" x 3" x .44					
	Bearing Surface	...	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"					
FORE AND AFTERS	Number	...										
	Spacing	...										
	Unsupported Lengths	...										
	Scantling* and Sketch	...										
HATCH COVERS	Material	...	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.
	Thickness	...	3"	3"	2 1/2"	3"	3"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
	How fitted	...	F.A.	F.A.	F.A.	F.A.	F.A.	F.A.	ATH.	ATH.	F.A.	F.A.
	Bearing Surface	...	3"	3"	3"	3"	3"	3"	2 5/8"	3"	2 3/4"	3"
Spacing of Cleats	...	...	24"	24"	24"	24"	24"	✓	20"	14"	24"	24"
Number of Tarpaulins	...	...	2	2	2	2	2	✓	2	1	2	1 2
*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?											YES. YES. YES.	

Particulars of any special features:—



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Particulars of Gangway Cargo and Coaling Ports :—

NONE. ✓

Particulars of Scuppers and Sanitary Discharge Pipes :—

ON FREEBOARD DECK :— 1-1½" DIA. P. FROM STORE LED THROUGH SHIPS SIDE BELOW FREEBOARD DK. STORMVALVE FITTED.
1-5" DIA P&S IN TONNAGE WELL LED THROUGH SHIPS SIDE BELOW FREEBOARD DECK & FITTED WITH SCREW
DOWN NON-RETURN VALVES AT SHIPS SIDE, OPERATED FROM ^{SUPERSTRUCTURE} UPPER DECK. ✓
1-3½" DIA. P&S. IN CREWS SPACE AFT. LED THROUGH SHIPS SIDE BELOW FREEBOARD DECK, STORMVALVES FITTED,
SCREW PLUGS FITTED. ✓

^{Superstructure} 1-2" DIA. P&S. LED TO ENGINE ROOM BILGE WITH COCK AT END. WOOD PLUG FITTED. ✓

UPPER DECK :— 1-3½" DIA. P&S. IN F/CLE SPACE, LED THROUGH SHIPS SIDE ABOVE FREEBOARD DK. STORMVALVES FITTED. ✓

8-3½" DIA. P&S. LED THROUGH SHIPS SIDE ABOVE FREEBOARD DECK, EFFICIENT.

GRATING. PROVIDED FOR 1½" DIA. SCUPPER & WOOD PLUGS FOR 3½" DIA IN F/CLE SPACE. ✓

SANITARY DISCHARGES :— LED THROUGH SHIPS SIDE ABOVE FREEBOARD DECK, STORMVALVES FITTED. ✓

Particulars of Side Scuttles :—

NO SIDELIGHTS FITTED BELOW FREEBOARD DECK.

9" Side Scuttles fitted with permanently attached
deadlights in Poop accommodation.

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

Particulars of Guard Rails :—

^{SUPERSTRUCTURE} UPPER DECK :— FITTED WITH 3 RODS (TOP 1½" DIA. OTHERS 1" DIA.) WITH STANCHIONS 3'-6" HIGH. SPACED ABOUT
5'-0" APART, STEEL BULWARK 3'-6" HIGH, STRONGLY CONSTRUCTED IN WAY OF DECKHOUSES AMIDSHIPS.

F/CLE DECK :— FITTED WITH 2 RODS (TOP 1½" DIA. BOTTOM 1" DIA.) WITH STANCHIONS 3'-6" HIGH. SPACED
ABOUT 5'-0" APART. ✓

Particulars of Gangways, Lifelines, etc. :—

NONE. ✓

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	Open rails on superstructure deck.		NONE ✓			
Forward Well			NONE ✓			

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.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway		Nº1 CARGO	Nº2 CARGO	Nº3 CARGO	Nº3 COAL	Nº4 CARGO	Nº5 CARGO	TRIMMING HATCHES.			
Dimensions of Hatchway		24'9" x 19'6"	32'6" x 23'6"	15'0" x 19'6"	10'0" x 19'6"	32'6" x 23'6"	32'6" x 19'6"	40'2'0" x 2'0"	140'2'3" x 2'0"	20'2'0" x 2'6"	
COAMINGS	Height above Deck	9" x 3 1/2" x .44"					8. A. 1/2"				
	Thickness	Sides					Ends				
	Stiffeners	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Brackets, Stays	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HATCH BEAMS	Number	3	4	2	1	4	4				
	Spacing	6'2 1/4"	6'6"	5'0"	5'0"	6'6"	6'6"				
	Scantling and Sketch	<div style="display: flex; justify-content: space-between;"> <div> <p>TOP ANGLES</p> <p>PLATE</p> <p>BOTTOM ANGLES</p> </div> <div> <p>5' x 3 1/2" x .46</p> <p>23' x .41</p> <p>5' x 3 1/2" x .46</p> </div> <div> <p>5' x 3 1/2" x .46</p> <p>25 3/4" x .41"</p> <p>5' x 3 1/2" x .46</p> </div> <div> <p>4' x 3" x .44</p> <p>18' x .36"</p> <p>4' x 3" x .44</p> </div> <div> <p>4' x 3" x .44</p> <p>18' x .36"</p> <p>4' x 3" x .44</p> </div> <div> <p>5' x 3 1/2" x .46</p> <p>24' x .40</p> <p>5' x 3 1/2" x .46</p> </div> <div> <p>4' x 3" x .44</p> <p>23' x .39</p> <p>4' x 3" x .44</p> </div> </div>									
	Bearing Surface	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"				
	FORE AND AFTERS	Number									
HATCH COVERS	Material	O.P.	O.P.	W.P.	W.P.	W.P.	O.P.	W.P.	W.P.	W.P.	
	Thickness	3 3/8"	3 3/8"	2 1/2"	2 1/2"	3"	3 1/4"	2 1/2"	2 1/2"	2 1/2"	
	How fitted	F.A.A.	F.A.A.	F.A.A.	F.A.A.	F.A.A.	F.A.A.	SOLID	SOLID	SOLID	
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	
Spacing of Cleats		24"	24"	24"	24"	24"	24"	12"	14"	15"	
Number of Tarpaulins		1	1	1	1	1	1	1	1	1	
<p>*Are wood fore and afters steel shod at all bearing surfaces ?</p> <p>Are battens and wedges efficient and in good condition ?</p> <p>Are tarpaulins in good condition and in accordance with rule requirements ?</p> <p>Are lashings provided in accordance with rule requirements ?</p>		<p>✓</p> <p>YES</p> <p>YES.</p> <p>YES.</p>									

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.

