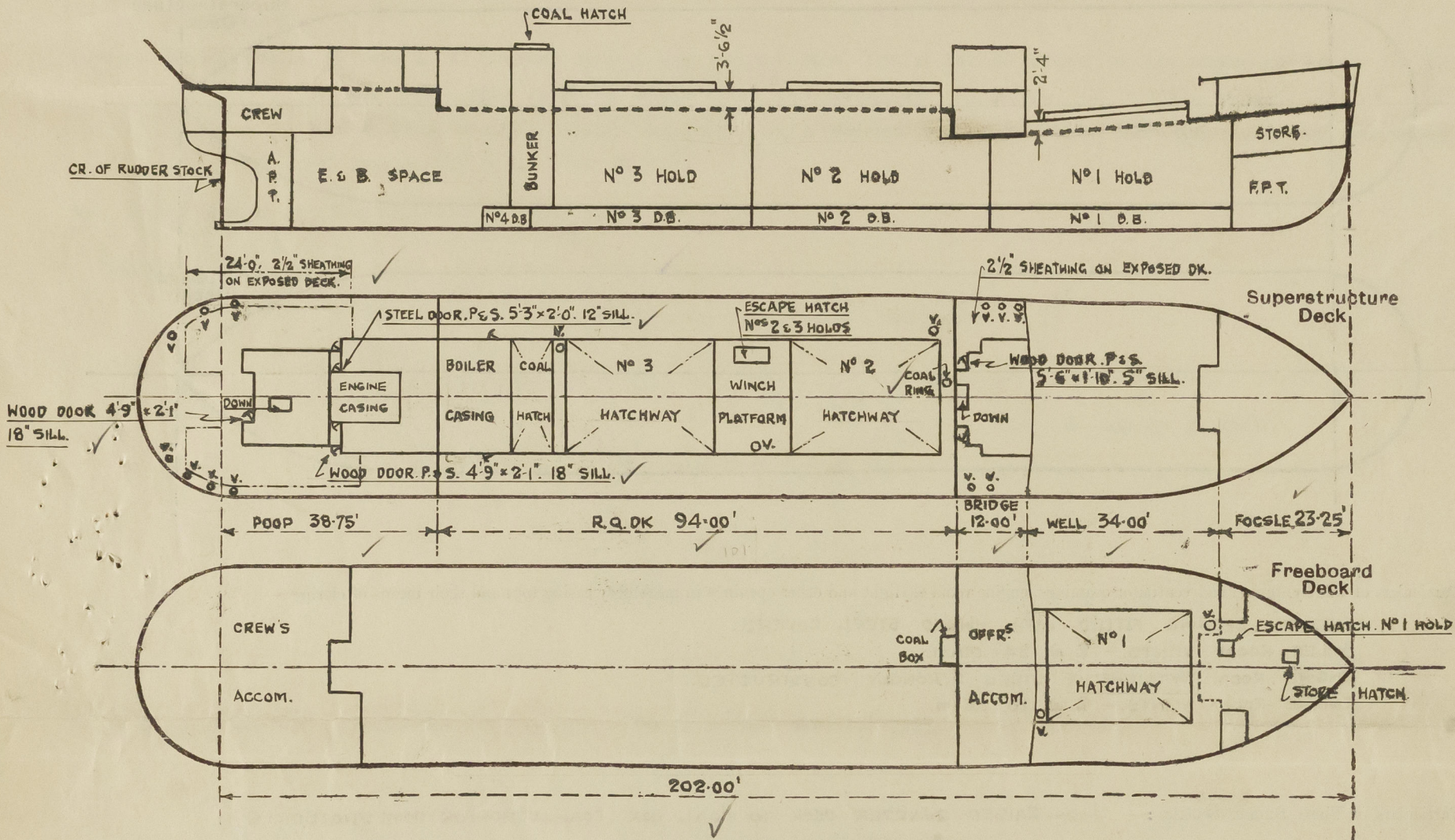


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

GRK. REPORT N° 23335.

Ship's Name THE EMPEROR
Official Number 169482
Nationality and Port of Registry BRITISH. Glasgow
Port of Survey GREENOCK.
Surveyor's Signature W. Macmillan
Date of Survey WHILST BUILDING

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



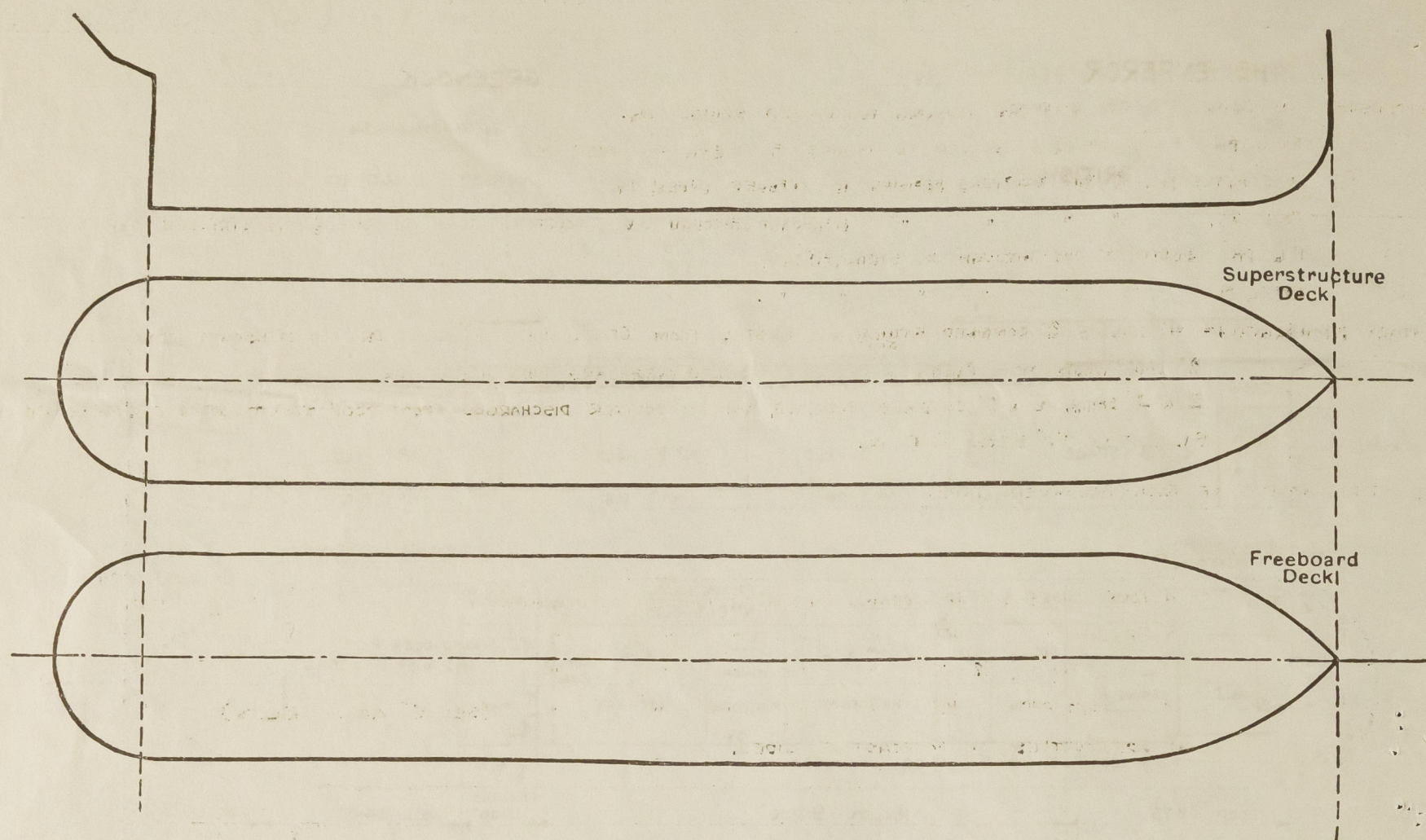
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	-	40" INSIDE CASING 30" EXPOSED	3" x 3" x 30"	4'6"	NONE	NONE	-	3'10"
Raised Quarter Deck Bulkhead ...	-	30"	3" x 3" x 34"	2'6"	NONE	NONE	-	R.Q.D. 4'7"
Bridge, After Bulkhead ...	-	30"	6" x 3" x 38" B.A.	2'6"	NONE	NONE	-	BRIDGE 8'0"
Bridge, Forward Bulkhead ...	-	30"	6" x 3" x 30" B.A.	2'3"	BKTD. T & B.	NONE	-	6'11"
Forecastle Bulkhead ...	-	-	BRIDGE FRONT BHD ALSO STIFFENED HORIZONTALLY BY NO. 1 HATCH PLATFORM.	-	-	-	-	7'6"
Forecastle Bulkhead ...	-	-	OPEN FORECASTLE	-	-	-	-	1'0"
Trunk, Aft ...	-	-	-	-	-	-	-	-
Trunk, Forward ...	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Raised Quarter Decks ...	BLK. CASING	28"	6" x 3" x 35"	30" MAX.	BKTD. TOP ONLY	4'9" x 2'0"	24"	10'9 3/8"
Exposed Machinery Casings on Superstructure Decks ...	COAL HATCH	38" - 32"	5" x 3" x 25" B.A.	30 3/8"	TOP LUGS. BOTTOM NIL.	-	-	10'9 3/8"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	-	30"	6" x 3" x 35" O.A.	36"	" BKTS "	NONE	-	-
Deckhouses on Flush Deck Ships ...	-	-	-	-	-	-	-	-

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

Poop Bulkhead ...	NO OPENINGS.
Raised Quarter Deck Bulkhead ...	NO OPENINGS.
Bridge, After Bulkhead ...	NO OPENINGS.
Bridge, Forward Bulkhead ...	NO OPENINGS.
Forecastle Bulkhead ...	OPEN FORECASTLE.
Exposed Machinery Casings on Raised Quarter Decks ...	STEEL DOORS. OPERATED FROM BOTH SIDES.
Machinery Casings on Superstructure Decks ...	" " " " " "
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	-
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:—

FIDDLEY OPENING FITTED WITH HINGED STEEL COVERS.

BOILER ROOM VENTS:— 2 @ 24" DIAM.

ENGINE ROOM SKYLIGHT OF STEEL, STRONGLY CONSTRUCTED.

ENGINE ROOM VENTS:— 2 @ 18" DIAM.

Particulars of Flush Bunker Scuttles:— ~~1 ON RAISED QUARTER DECK TO COAL BOX (COAL USED FOR DOMESTIC BOILER)~~

NONE

Particulars of Companionways:— ON POOP DK AFT TO CREW, ETC SPACE IN POOP. PANELLLED WOOD DOOR 4'9" x 2'1". 18" SILL.
ON BRIDGE DK TO OFFR'S ACCOM. IN BRIDGE. PANELLLED WOOD DOOR Pcs. 5'6" x 1'10". 19" SILL.

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

1- 12" DIAM. UPPER DK FORD TO NO. 1 HOLD COAMING 34" x 36" HIGH.
1- 12" " " " AFT " " " " " x 28" " (VENT ON HATCH PLATFORM 28" ABOVE UPPER DK)
5- 6" " BRIDGE DK TO OFFR'S ACCOM. IN BRIDGE " 30" x 30" "
1- 12" " R.Q. DK FORD TO NO. 2 HOLD. " 34" x 30" "
1- 18" " R.Q. DK TO NOS 2 & 3 HOLDS. " 40" x 30" " (VENT ON WINCH PLATFORM 42 1/2" ABOVE R.Q. DK)
1- 12" " R.Q. DK AFT TO NO 3 HOLD. " 34" x 28" " (" " HATCH " " " ")
5- 6" " POOP DK TO POOP SPACE " 30" x 31" "
1- 7" " " " " " " " " x 34" "
1- 8" " " " " " " " " " x 19" "

ALL VENTILATORS FITTED WITH WOOD PLUGS & CANVAS COVERS.

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

3 1/2" A.P. FROM FORE PEAK TANK, ON UPPER DK BELOW OPEN FORECASTLE. 36" ABOVE DK TO OPENING.
2- 4" " " N°1 D.B. " " " " "
2- 4" " " 2 " " " R.Q. DK. 30" " " "
2- 4" " " 3 " " " " " "
2- 3" " " 4 " " " " " "
3 1/2" " " AFT PEAK " " POOP DK. 18" " " "

ALL AIR PIPES HAVE 3/8" SHIFTING HOLES.

" " " PROVIDED WITH WOOD PLUGS & CANVAS COVERS.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

The Emperor.

Particulars of Scuppers and Sanitary Discharge Pipes:—

SCUPPERS:— NAV. BRIDGE, 2" PIPE SCUPPERS DRAINING TO EXPOSED BRIDGE DK.
BRIDGE DK, NO SCUPPERS. EXPOSED DK DRAINS TO R.Q. DK & UPPER DK.
FORECASTLE DK, 2" PIPE SCUPPERS DRAINING TO EXPOSED UPPER DK.
POOP DK, " " " " OVERBOARD THROUGH S.V. SCUPPERS ALSO CUT THROUGH DK STRINGER BAR.
R.Q. DK. SCUPPERS CUT THROUGH DK STRINGER BAR.
UPPER DK. " " " " " "
SANITARY DISCHARGES:— 4" SOIL & 2" COMBINED BATH & W.B. WASTES FROM OFFR'S LAV. ON BRIDGE DK LED OVERBOARD THROUGH S.V. ABOVE UPPER DK.
2" SINK WASTE FROM PANTRY IN BRIDGE SPACE LED OVERBOARD THROUGH S.V. ABOVE UPPER DK. *with additional N.R.V. in accessible position*
2 @ 4" SOILS, 6 @ 2" COMBINED BATH, W.B. SINK & SCUPPER DISCHARGES FROM POOP DECKHOUSE LED OVERBOARD THROUGH S.V. APPROX 9'0" BELOW POOP DK. ✓

ALL STORM VALVES OF BACK-BALANCED TYPE. ✓

Particulars of Side Scuttles:—

IN POOP SIDES, 10" OPENING TYPE WITH HINGED DEADLIGHTS.
" BRIDGE " , 10" " " " " "
" " FRONT, 12" x 16" " " " " "
" " AFT BHD, 12" " " " " " (SILL 6" ABOVE R.Q. DK).
NO SIDESCUTTLES IN FORECASTLE SIDES.

Vertical distance of Sill of lowest Side Scuttle above top of keel 21' 11" ABOVE TOP OF KEEL.

Particulars of Guard Rails:— FORECASTLE DK. 2 CHAINS & STANCHIONS SPACED 5'0"
BRIDGE DK. BULWARKS 25" PLATE. STANCHIONS SPACED 7'0"
POOP DK. 2 RAILS & STANCHIONS SPACED 5'0"
RAISED QUARTER DK. BULWARKS 25" PLATE. STANCHIONS SPACED 6'0" MAX. RAIL 5" x 3" x 30" B.A.
UPPER DK. " " " " " " " " " " "

Particulars of Gangways, Lifelines, etc.:— NONE.

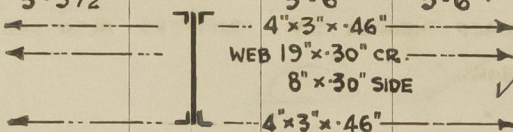
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ... R.Q. DK...	94'0"	4'3" AFT END. 3'9" FORD "	5'3" x 8 1/2" 12'0" x " 16'0" x " 14'0" x "	ONE " " "	33.6 ft ²	18.8 ft ²
Forward Well ...	34'0"	3'9"	12'0" x 1'5" 6'0" x "	ONE "	25.5 ft ²	9.9 ft ²

State position of each freeing port ... (After Well:— POOP BHD. 4'0" 5'3" 12'4" 12'0" 12'0" 16'0" 12'0" 14'0" 6'0")
(F. and A. position and height above deck edge) (Forward Well:— BRIDGE FRONT 6'0" 12'0" 4'0" 6'0" 6'0") ALL PORTS 4" ABOVE DECK.
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— FORD WELL ONLY, ONE 1" DIA. ROB.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Description of Hatchway	...	...	UPPER DK.		RAISED QUARTER DK		CASING TOP	UPPER DK	WINCH PLAT ^m	UPPER DK
			Nº 1		Nº 2	Nº 3	COAL HATCH	ESCAPE HATCH FROM Nº 1 HOLD	ESCAPE HATCH FROM Nºs 2 & 3 HOLDS	STORE HATCH
Dimensions of Hatchway	...	...	26'-0" x 20'-6"		27'-0" x 20'-6"	27'-0" x 20'-6"	17'-6" x 5'-6"	2'-0" x 2'-0"	4'-0" x 2'-0"	2'-6" x 1'-8 1/4"
COAMINGS	{	Height above Deck	3'-3" ✓		4'-5 1/2" ✓	4'-5 1/2" ✓	3" ✓	9" x 3" x 40" B.A. ✓	9" x 3" x 40" B.A. ✓	9" x 3" x 40" B.A. ✓
		Thickness { Sides	.44" ✓		.44" ✓	.44" ✓	-	-	-	-
		{ Ends	.44" F. .40" A. ✓		.44" F. .40" A. ✓	.40" ✓	-	-	-	-
		Stiffeners B.A. ...	10" x 3 1/2" x 44" ✓		10" x 3 1/2" x 44" ✓	10" x 3 1/2" x 44" ✓	-	-	-	-
		Brackets, Stays ...	3 ✓		3 ✓	3 ✓	-	-	-	-
HATCH BEAMS BUILDER'S SLIDING TYPE	{	Number	4 ✓		4 ✓	4 ✓				
		Spacing MAX. CR. TO CR.	5'-3 1/2" ✓		5'-6" ✓	5'-6" ✓				
		Scantling and Sketch					NONE	NONE	NONE	NONE
		Bearing Surface	EACH BEAM FITTED WITH BEARING PIECE FORMED OF 3" SOLID HALF-ROUND BAR, 8 1/2" LONG, F.&A.							
FORE AND AFTERS	{	Number								
		Spacing	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
		Unsupported Lengths								
		Scantling* and Sketch								
		Bearing Surface								
HATCH COVERS	{	Material	PINE ✓		PINE ✓	PINE ✓	PINE ✓	.38" STEEL COVER. ✓	PINE ✓	.38" STEEL COVER ✓
		Thickness	2 1/2" ✓		2 1/2" ✓	2 1/2" ✓	2 1/2" ✓	COVER. ✓	2 1/2" ✓	COVER ✓
		How fitted	F. & A. ✓		F. & A. ✓	F. & A. ✓	F. & A. ✓	PERMNTLY ✓	✓	PERMNTLY ✓
		Bearing Surface	ON BEAMS 4" ✓		4" ✓	4" ✓	3" ✓	ATTACHED & SECURED ✓	3" ✓	ATTACHED & SECURED ✓
		" " ON END COAMINGS	3" ✓		3" ✓	3" ✓				
Spacing of Cleats	...	...	24" ✓		24" ✓	24" ✓	24" ✓	W.T. BY ✓	24" ✓	W.T. BY ✓
Number of Tarpaulins	...	...	2 ✓		2 ✓	2 ✓	2 ✓	6 TOGGLES ✓	2 ✓	6 TOGGLES ✓
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓</p> <p>Are battens and wedges efficient and in good condition? YES.</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES.</p> <p>Are lashings provided in accordance with rule requirements? YES <i>Special lashings on No 1 hatch.</i></p>										

Particulars of any special features :— THIS VESSEL IS A TUDOR TYPE COASTER & IS NOW BUILDING FOR M.O.W.T TO B.C. CLASS B.S.* VESSEL, UPON COMPLETION OF BUILDING, WILL BE PURCHASED BY J. HAY & SONS, LD

THE PARTICULARS GIVEN HEREWITH, WHERE RELATING TO ITEMS NOT YET FITTED, ARE AS PROPOSED BY THE BUILDERS AND COMPLETION OF THESE ITEMS WILL BE CONFIRMED BEFORE LOAD LINE CERTIFICATES ARE HANDED OVER.

Manhole with bolted plate cover on 6" coaming fitted on R.Q. Deck for access to domestic coal bunker.

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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