

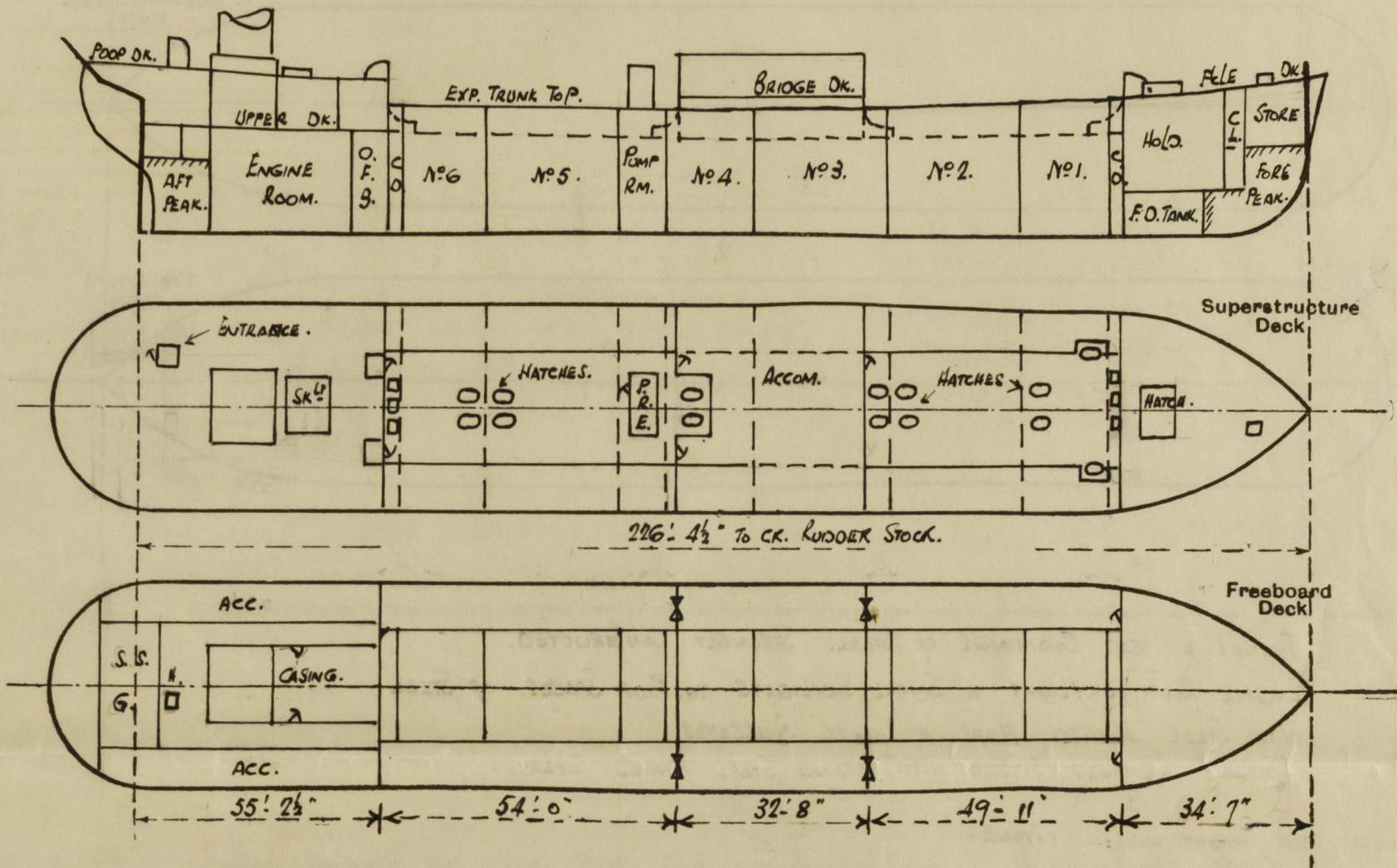
Glasgow No 71923
Lloyd's Register of Shipping.

Index No. **38302**
 (For London Office only).

SURVEYS FOR FREEBOARD.
 (CONDITIONS OF ASSIGNMENT.)

Ship's Name **'PASS OF BRANDER'** Port of Survey **Ayr.**
 Official Number **180822.** Surveyor's Signature *H. Kemp*
 Nationality and Port of Registry **BRITISH. LONDON.** Date of Survey **WHILE UNDER SURVEY. FOR CLASSIFICATION.**

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.

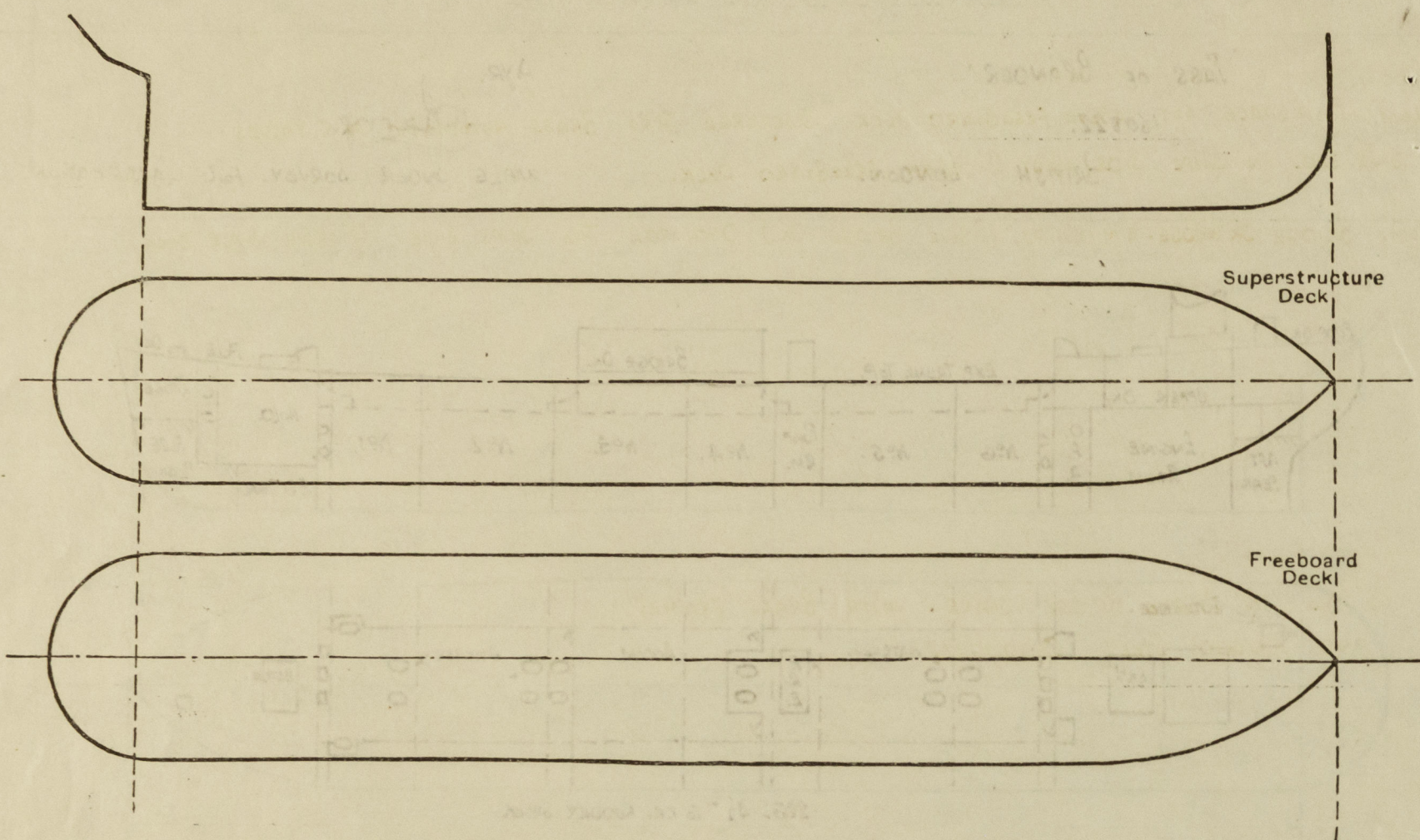
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	3" 8	3" 8	4 x 3 x 3/2 OA REV.	22"	LUGS. T. B.	2 @ 5'0" x 23 1/2"	19"	7' 2 1/2"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	3" 8	3" 8	12 x 3 x 7/16 OA R.	36"	WELDED T. B.	2 @ 3'4" x 3'0"	18"	12' 3 1/2" AT SIDE
Bridge, Forward Bulkhead ...	3" 8	3" 8	- DTTO -	36"	BRACKETS. T. B.	2 @ 3'1/2" x 27"	25"	" " "
Forecastle Bulkhead ...	3" 8	3" 8	EXPANSION TRUNK SIDES.		✓	2 @ 4'3" x 24"	25"	3' 11 1/2"
Trunk, Aft ...	33.	33.	5 x 12 x 3/4 OA R.	24 1/2"	BRACKETS AT TOP.	NONE.	✓	"
Trunk, Forward ...	33.	33.	"	"	" " "	"	✓	3' 11 1/2"
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	3" 8	1/4"	3 x 2 1/2 x 1/4 OA L.	28"	" " "	1 @ 5'6" x 1'9"	15"	7' 2 1/2"
Exposed Machinery Casings on Superstructure Decks ...								
Machinery Casings within Superstructures 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 ...	STEEL HINGED WEATHERTIGHT DOORS. OPERATED FROM BOTH SIDES.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	3" WEATHERBOARDS IN CHANNELS.
Bridge, Forward Bulkhead ...	STEEL HINGED W.T. DOORS. OPERATED FROM BOTH SIDES.
Forecastle Bulkhead ...	" " WEATHERTIGHT DOORS. OPERATED FROM BOTH SIDES.
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	STEEL HINGED DOORS.
Exposed 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:—

FUNNEL & VENT COAMINGS OF STEEL. STRONGLY CONSTRUCTED.
ENGINE ROOM SKYLIGHT & SMALL SKYLIGHTS TO POOP SPACES. OF STEEL,
WITH STEEL HINGED FLAPS & GLASS BULLSEYES.
FIDDLE OPENINGS FITTED WITH STRONG STEEL HINGED COVERS.

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:—

ON POOP DECK. TO ACCOMMODATION. 5'0" x 2'3 1/2" STEEL HINGED. WEATHERTIGHT DOOR. SILL 15" ABOVE WOOD DECK.
ON EXPANSION TRUNK TOP AFT. TO PUMP ROOM. 5'0" x 2'0" STEEL HINGED. W.T. DOOR. SILL 18" ABOVE T. TOP.

Particulars of Ventilators in exposed positions on ~~funnel~~ superstructure decks:—

4 - 8' DIA. ON FLE DECK. 36" x 5/16" COAMING. FITTED WITH STEEL CAPS & C.C.
2 - 6' DIA. ON POOP DECK. 30" x 5/16" " " " " " "
12 - 9' DIA. & 2 - 6' DIA. MUSE ROOM VENTS ON POOP DECK. (Screw down type)

Particulars of Air Pipes in exposed positions on ~~funnel~~ superstructure decks:—

2" x 3' DIA. OPENING 27' ABOVE FLE DECK.
2" DIA. " 30' EXPANSION TRUNK TOP.
2" DIA. " 27' POOP DECK.
3' DIA. AIR PIPES FROM MAIN TANK HATCHES. LED UP MASTS ABOUT 30' ABOVE DECK.
AIR PIPES FITTED WITH WOOD PLUGS OR WIRE GAUZES.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Part of Brander.

Particulars of Scuppers and Sanitary Discharge Pipes:—

FROM POOP SPACE AFT. ABOVE FREEBOARD DECK. DISCHARGE THRO' BRASS AUTOMATIC N.R. VALVES
1 1/2" TO 4 1/2" DIA. ON SHIPS SIDE. ABOUT 2' BELOW FREEBOARD DECK.

FROM BRIDGE DECK HOUSE. AMIDSHIPS. (ABOVE BRIDGE DECK.) DISCHARGE THRO' SHIPS SIDE. 9' ABOVE UPPER DECK.

Particulars of Side Scuttles:—

10" DIA. IN POOP & BRIDGE SPACE. WITH BRASS FRAMES.
AND HINGED STEEL DEADLIGHTS.

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

19'5"

Particulars of Guard Rails:—

STEEL BULWARK ON FLE DECK. 3'3" HIGH. 5" B.P. STAYS 3' TO 5' APART. 5" B.D. RAIL BAR.
ON UPPER DECK IN WELLS. RAILS 3'3" HIGH. STANCHIONS SPACED 4'6" APART. 3 RAILS.
ON EXPANSION TRUNK TOP. " " " " " 3'9" " 2 RAILS.
ON POOP DECK. " 3'9" " " " 4'6" " 3 RAILS.

Particulars of Gangways, Lifelines, etc.:—

FORE & AFT GANGWAY FORMED BY EXPANSION TRUNK TOP.

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	13' 3"	3' 3"	23" x 16"	ONE.	✓	✓
Forward Well	13' 3"	3' 3"	23" x 16"	ONE.	✓	✓

State position of each freeing port { After Well:— 2'6" FROM POOP END AND BRIDGE FRONT BULKHEAD.
(F. and A. position and height above deck edge) { Forward Well:— 12' ABOVE DECK EDGE.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 1 - 3/4" DIA. ROOS.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FORECASTLE AND SUPERSTRUCTURE DECKS.									
	FORECASTLE DK.				EXPANSION TRUNK			UPPER OK.	
Description of Hatchway	FORE PEAK.	FORE HOLD.	F. DEEP TANK.	F. COFFERDAM.	CARGO TANKS.	O.F. BONKER	AFT COFFERDAM.	AFT IN P.O.P.	
Dimensions of Hatchway	24" x 20"	5' 6" x 8' 2 1/2"	24" x 20"	24" x 20"	3' 9" x 24"	24" x 20"	24" x 20"	27" x 16"	
COAMINGS	Height above Deck ... 24" Thickness { Sides ... 44 Ends ... 44 Stiffeners ... Brackets, Stays ...	31" 44 44 NONE	32" 44 44 NONE	32" 44 44 NONE	31" 44 44 NONE	31" 44 44 NONE	31" 44 44 NONE	23" 1/4" NONE	
HATCH BEAMS	Number ... Spacing ... Scantling and Sketch ... Bearing Surface ...	ONE. 2' 9". 6" x 3" x 3/8" BULB ANGLE. 3"							
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...								
HATCH COVERS	Material ... STEEL Thickness ... 5/16" How fitted ... Bearing Surface ...	WOOD. 3" F x A. 3"			STEEL. 3/8" WATER TIGHT.			1/4" WEATHER TIGHT.	
Spacing of Cleats	WEATHER TIGHT.	24"			10			2.	
Number of Tarpaulins	4. TOGGLES.	2.	6 TOGGLES.		TOGGLES.	4 TOGGLES.		TOGGLES.	

*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. FITTINGS FOR LASHINGS PROVIDED.

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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