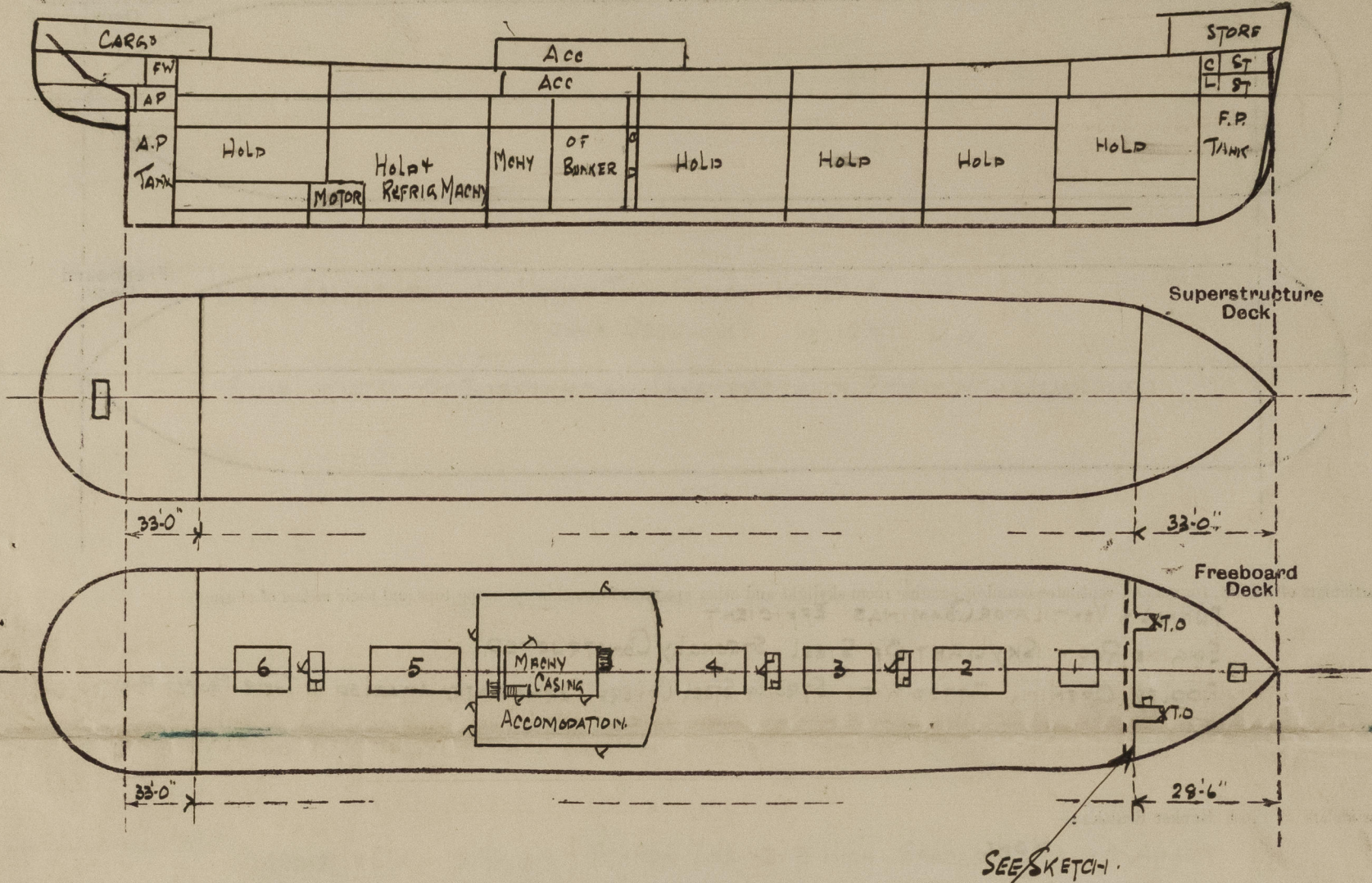


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

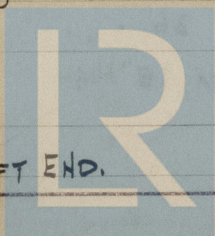
GRK REPORT NO. 23374.

Ship's Name	BEAVERLAKE	Port of Survey	GREENOCK
Official Number	180954	Surveyor's Signature	Hemmings
Nationality and Port of Registry	BRITISH LONDON.	Date of Survey	DURING CONSTRUCTION 1945-46.

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	6x3x.34 BA	25"-30"	BRACKETS	1 @ 5x2. 2 @ 5x2.	18"	7'-6"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ... ..	✓							
Bridge, Forward Bulkhead ... ..	✓							
Forecastle Bulkhead ... ..	.30	.30	5x3x.30.0.A.	30"	✓	2 @ 4'-6" x 2' 2 @ 4'-6" x 3'	18"	7'-0"
Trunk, Aft ... ..								
Trunk, Forward ... ..								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.30	.30	6x3x.32 BA.	27" x 36"	✓	2 @ 5'-6" x 2'	12"	8'-0"
Exposed Machinery Casings on Superstructure Decks ... ..	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..								
MIDSHIP Deckhouses on Flash Deck Ships	FRONT .34 SIDES .30	.34 .25	6x3x.35 BA. 4x3x.35 OA	36" 30" x 36"	BOXES ON FRONT SIDES.	2 @ 5'-2" x 3" 3 @ 5'-2" x 6"	18"	8'-0"
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ... ..	3 HINGED STEEL WATERTIGHT DOORS (OPERATED FROM BOTH SIDES)							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ... ..	✓							
Bridge, Forward Bulkhead ... ..	✓							
Forecastle Bulkhead ... ..	BOLTED PLATES WITH HOOK BOLTS NOT PASSING THRO' B.H.P. BOLTS 12" APART							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	2 HINGED STEEL W.T. DOORS (OPERATED FROM BOTH SIDES)							
Exposed Machinery Casings on Superstructure Decks ... ..	2 HINGED STEEL W.T. DOORS (OPERATED FROM BOTH SIDES)							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..								
MIDSHIP Deckhouses on Flash Deck Ships	HINGED STEEL W.T. DOOR AT SIDES & WOOD DOOR ON AFT END.							



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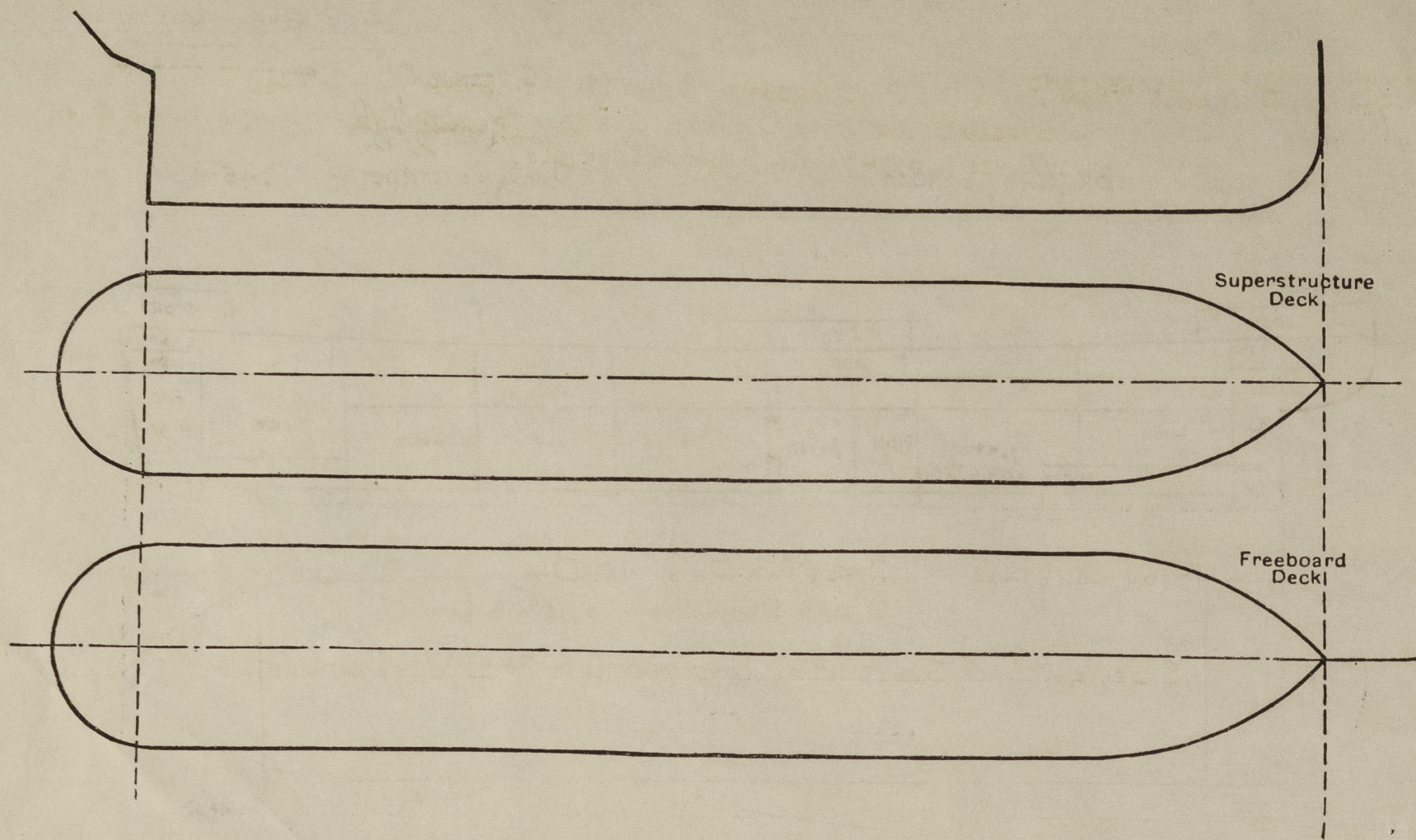
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011273-011274-0155



### 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:—

FUNNEL & VENTILATOR COAMINGS EFFICIENT

ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED.

FIDDLEY OPENING FITTED WITH STRONG STEEL COVERS PERMANENTLY ATTACHED IN THEIR PROPER POSITIONS

Particulars of Flush Bunker Scuttles :—

NONE

Particulars of Companionways:— ACCESS HATCHWAYS TO HOLDS INSIDE STRONG STEEL DECKHOUSES FITTED WITH HINGED STEEL W.T. DOORS, WITH 18" COAMINGS. THESE HATCHWAYS HAVE 18" COAMINGS BUT NO COVERS. DOORS OPERATED FROM BOTH SIDES.

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

POOP RK 6-COWLYENTS 12" DIA. CRAMING 30"x34

2 " " 15" " " 30" x 36.

FCLE DK 1 " " 10" " " 26 x 32

1 " " 9 " " 36 x 32

Also 2-27" DIA. VENTS AT FORE END OF BRIDGE  
FITTED WITH FIXED MUSHROOM HEAD, COAMING TO HEIGHT  
OF LOWER. BRIDGE + SUPPORTED BY BRIDGE FRONT.  
3. S.N. VENTS ON PILE TO SIDEBASES, 6" DIA 8 TO 10 IN.

ALL YENTS COAMINGS PROVIDED WITH WOOD PLUGS &  
CANVAS COVERS.

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

Pool Deck 4 @ 4" DIA 18" HIGH

2 @ 3" " 18" "

Upper Dik 11-3" DIA. 36 "

12 · 2 $\frac{1}{2}$  " 36" "

18- 4" " 36" "

2 - 6" " 36"

WOOD PLUGS PROVIDED FOR ALL AIR PIPES  
WIRE GANZES FITTED TO OIL FUEL AIR PIPES.

F'CLERK 2-4" DIA 18" High.

Particulars of Gangway Cargo and Coaling Ports :—

NONE

Beaverlake.

Particulars of Scuppers and Sanitary Discharge Pipes :—

SANITARY DISCHARGES FROM UPPER DK LED OVERBOARD BELOW DK WITH STORM VALVE AT SHELL

" " " SPACES BELOW UPPER DM LED OVERBOARD WITH TWO AUTOMATIC NON-RETURN VALVES - BOTH VALVES BEING ACCESSIBLE.

Particulars of Side Scuttles :—

SIDE SCUTTLES IN UPPER TWIN DR S 10" DIA

" " " MIDSHIP DECKHOUSE 10", 12" & 16" DIA

SIDELIGHTS OF SUBSTANTIAL CONSTRUCTION &amp; FITTED WITH DEADLIGHTS

Vertical distance of Sill of lowest Side Scuttle above top of keel 37'-9"

### Particulars of Guard Rails :-

FORECASTLE DK:- 3 RAILS 4 STANCHIONS 3'-3" HIGH SPACED ABOUT 5'-0" APART

Poor " DITTO.

UPPER DECK AMIDSHIPS - BULKWARK 3'-6" HIGH EFFICIENTLY STIFFENED

" " ELSEWHERE - 3 RAILS 3'-6" HIGH - STANCHIONS ABOUT 5'-0" APART

Particulars of Gangways, Lifelines, etc. :—


PROVISION MADE FOR FITTING LIFELINES ALL FORE & AFT

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 ... ..		✓				
Forward Well ... ..		✓				

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 <del>AND SUPERSTRUCTURE</del> DECKS.										
Description of Hatchway	No 1	No 2	No 3	No 4	No 5	No 6				
Dimensions of Hatchway	20'3" x 16'	33'9" x 21'	38'6" x 21'	27'6" x 21'	33'0" x 21'	27'6" x 21'				
COAMINGS	Height above Deck ... 31 Thickness ... .50 Stiffeners ... 10 x 3 1/2 x 40 B.A. Brackets, Stays ... 1 BULK PLATE ... 1	Height above Deck ... 31 Thickness ... .60 Stiffeners ... D. Brackets, Stays ... 4	Height above Deck ... 31 Thickness ... .50 .55 Stiffeners ... D. Brackets, Stays ... 4	Height above Deck ... 31 Thickness ... .60 Stiffeners ... D. Brackets, Stays ... 2-1 (ROUND)	Height above Deck ... 42 Thickness ... .50 Stiffeners ... D. Brackets, Stays ... 3	Height above Deck ... 42 Thickness ... .50 Stiffeners ... D. Brackets, Stays ... 3				
Box HATCH BEAMS PORTABLE	Number ... NONE Spacing ... Scantling and Sketch ... TOP PLATE 16 x 50 BARS 5 x 3 x 50 BOTTOM BARS 6 x 3 x 50 TIE PLATES 6 x 50 Bearing Surface ...	SIDE PLATES .50 THICK 2 1/4" SIDE 28" CR 3 1/2	23 3/4" SIDE 30 1/2" CR 3 1/2	18" SIDE 24 3/4" CR 3 1/2	18" SIDE 24 3/4" CR 3 1/2				SMALL HATCHES UNDER PILE TO STORES 4 x 3' 5 x 3 1/2 x 40 B.A. 2 3/4" WOOD COVERS CLEATS ETC 1 ON TARPAILIN HATCH ON POOP DECK TO STORE 2'8" x 1'9" COAMING 18 x 40 HINGED STEEL W/ COVER .40 THICK SECURED BY TOGGLES	
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling and Sketch ... Bearing Surface ...									
HATCH COVERS	Material ... Thickness ... How fitted ... Bearing Surface ...	FITTED WITH MANGING STEEL SLIDING HATCH COVERS FASTENED DOWN BY PATENT CLIPS AND ALSO 3/4" BOLTS. HATCH COVERS .30" .28 THICK STIFFENED BY 3 x 3 1/2 x 50 CHANNELS SPACED 25" APART SIDE PLATE 10 1/2" DEEP x .50 THICK								
Spacing of Cleats										
Number of Tarpaulins										
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/> Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> GOOD Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> NONE GOOD Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/>										

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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