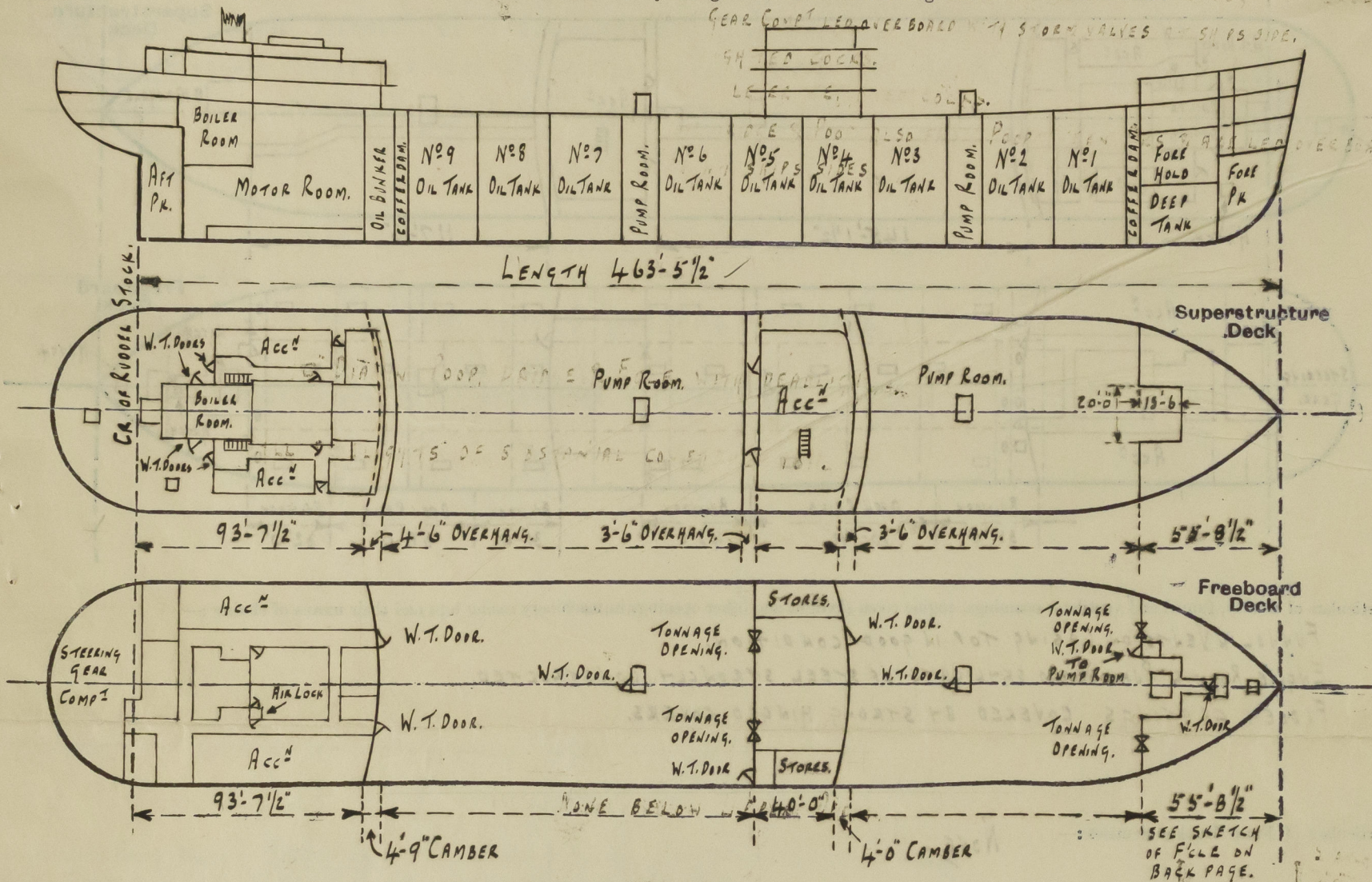


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

16 OCT 1911

Ship's Name **"BRITISH EARL"** Port of Survey **NEWCASTLE-ON-TYNE**  
Official Number **181502** Surveyor's Signature **W. J. Pyle**  
Nationality and Port of Registry **BRITISH LONDON** Date of Survey **5 MAY 1911 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	44	44	10" x 3 1/2" x 46 B.A.	30"	WELDED TOP & BOTTOM.	2 @ 5'-0" x 2'-6"	18"	8'-0"
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead	30	30	4" x 3" x 32	30"	NONE.	2 @ 4'-1" x 3'-1" 1 @ 4'-3" x 2'-5"	18"	8'-0"
Bridge, Forward Bulkhead	44	44	10" x 3 1/2" x 40 B.A.	30"-33"	WELDED TOP & BOTTOM.	1 @ 5'-0" x 3'-0"	18"	8'-0"
Forecastle Bulkhead	-	3/8" x 30	4" x 3" x 32 A & B 3 1/2" x 3" x 32 A.	24"-27"	NONE	2 @ 4'-1" x 3'-1" 2 @ 4'-3" x 2'-3"	18"	8'-0"
Trunk, Aft								
Trunk, Forward		30"	5" x 3" x 32 B.A. (FRONT) 6" x 3" x 30 A (SIDES & END)	28" 24"-27"	BRACKETED TOP & BOTTOM (FRONT) BRKTS & LUGS (SIDES & END)	1 @ 4'-3" x 2'-3" EACH PUMP ROOM.	18"	7'-6"
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	NONE						5'-0"	
Exposed Machinery Casings on Superstructure Decks (Boiler Casings)	34	30	3 1/2" x 3" x 32 A	30"	BRKT' AT TOP CARRIED BELOW DECK AT BOTTOM.	1 PT 8' x 5' 1/2" 4'-3" x 2'-3"	15"	4'-7 1/2" ABOVE BOAT DECK.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	NONE							
Deckhouses on Flush Deck Ships								

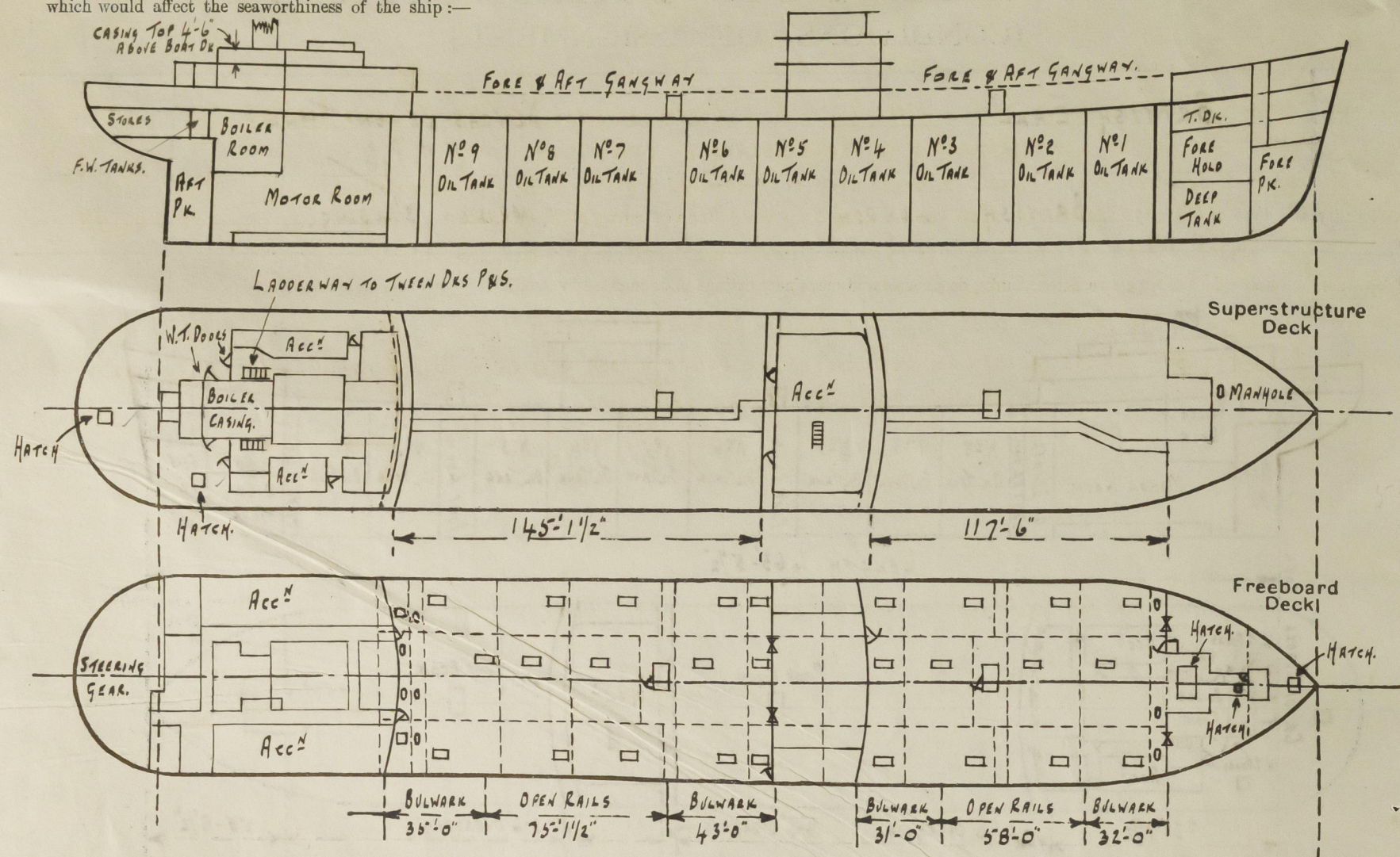
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	2 W.T. DOORS CAPABLE OF BEING MANIPULATED FROM BOTH SIDES.
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	1 W.T. DOOR CAPABLE OF BEING MANIPULATED FROM BOTH SIDES; 2 TONNAGE OPENINGS CLOSED BY STORM BOARDS IN WELDED CHANNELS.
Bridge, Forward Bulkhead	1 W.T. DOOR CAPABLE OF BEING MANIPULATED FROM BOTH SIDES.
Forecastle Bulkhead	2 TONNAGE OPENINGS CLOSED BY STORM BOARDS IN WELDED CHANNELS & 2 W.T. DOORS CAPABLE OF BEING MANIPULATED FROM BOTH SIDES.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	
Exposed Machinery Casings on Superstructure Decks (Boiler Casings)	1 W.T. DOOR PORT & STARBOARD CAPABLE OF BEING MANIPULATED FROM BOTH SIDES.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
MAIN PUMP ROOMS	
Deckhouses on Flush Deck Ships	1 W.T. DOOR IN EACH PUMP ROOM CAPABLE OF BEING MANIPULATED FROM BOTH SIDES.



### 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 & VENTS ON CASING TOP IN GOOD CONDITION.

ENGINE ROOM & PUMP ROOM SKYLIGHTS OF STEEL STRONGLY CONSTRUCTED.

FIDLEY GRATINGS COVERED BY STRONG HINGED COVERS.

Particulars of Flush Bunker Scuttles :—

NONE

Particulars of Companionways :- POOP DECKHOUSE ENCLOSING LADDERWAYS PYS TO POOP TWEEN DECKS:- STEEL DECKHOUSE STRONGLY CONSTRUCTED WITH 2 W.T. DOORS 4'-5" X 2'-5" IN AFTER END WITH 15" SILLS, WOOD DOORS IN DECKHOUSE SIDES 5'-0" X 2'-6" WITH 18" SILLS.	BRIDGE DECKHOUSE ENCLOSING LADDERWAY TO BRIDGE TWEEN DECKS:- STEEL DECKHOUSE STRONGLY CONSTRUCTED WITH 2 WOOD DOORS IN AFTER END WITH 12" SILLS.	PUMP ROOM IN FLEE (PORT SIDE):- STEEL STRONGLY CONSTRUCTED WITH W.T. STEEL DOOR 4'-3" X 2'-5" WITH 18" SILL.
ALL DOORS CAPABLE OF BEING CLOSED FROM BOTH SIDES.		

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

1 VENT ON FLECK Dk 8" DIA, CORNING 36"x30" TO FORE PK STORE.  
 3 " " " " 8" " " 36"x30" " FLECK T. DKS.  
 2 " " " " 12" " " 36"x34" " FORE HOLD.  
 2 " " " " 12" " " 36"x34" " F. HOLD TWEEN DKS.  
 1 " " " " 12" " " 36"x34" " F.W. PUMP ROOM.  
 4 " " UPPER Dk 24" " " 13'-6"x40" TO MAIN PUMP ROOMS  
 SUPPORTED.  
 1 VENT ON POOP Dk 9" DIA, CORNING 30"x32" TO REFRIG STORE.  
 2 " " " " 6" " " 30"x30" TO 5. GEAR COMP.  
 2 G.N. VENTS ON BRIDGE Dk 6"x4", 30" HIGH FROM BRIDGE SPACE.  
 2 VENTS ON POOP Dk 6" DIA, CORNING 30"x30" TO STORE ROOMS.  
 #1 " " CASING TOP 6" DIA " 15"x25" TO AIR LOCK  
 1 " " " " 12" " " 24"x25" TO PIPE PASSAGE.  
 4 " " " " 20" " " 18"x25" TO POOP T. DKS.  
 9 G.N. VENTS ON POOP Dk 6"x4", 30" HIGH FROM POOP TWEEN DKS.  
 \* SCREW DOWN MUSHROOM TOP, OTHER VENTS ON CASING TOP FITTED  
 WITH MUSHROOM TOPS.  
 ALL VENTS CONSTRUCTED IN ACCORDANCE WITH THE RULES  
 & FITTED WITH GAS TIGHT COVERS OR WOOD PLUGS &  
 CANVAS COVERS.

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

[illegible]

Particulars of Gangway Cargo and Coaling Ports:—

NONE

British Earl

Particulars of Scuppers and Sanitary Discharge Pipes:— UPPER DK:- 8-6"x2" OVAL SCUPPERS CUT THRO GUNWALE BAR PYS.

F/CLE T. DKS:- 1-2 1/2 DIA (P&S) LED OVERBOARD WITH STORM VALVES AT SHIPS SIDE.

BRIDGE T. DKS:- 3" SCUPPERS THRO BRIDGE END FITTED WITH SCREENED PLUGS & 2-1/2" FITTED WITH HINGED FLAPS.

POOP. T. DKS:- 2" & 2 1/2" SCUPPERS LED OVERBOARD WITH STORM VALVES AT SHIPS SIDES & SCREWED PLUGS AT INNER ENDS, 1" SCREWED

PLUGS IN POOP FRONT, 1-2" SCUPPER P&S FROM STEERING GEAR COMPT LED OVER BOARD WITH STORM VALVES AT SHIPS SIDE.

BOILER FLAT :- 4-2" SCIPPERS TO E.R. BILGES WITH LEVER WEIGHTED COCKS.

STORE RM FLAT AFT:- 2-2 1/2" SCUPPERS LED TO E.R. BILGES WITH LEVER WEIGHTED COCKS.

SANITARY DISCHARGES:- THESE ARE FROM DECKHOUSES ON BRIDGE & POOP ALSO FROM POOP TWEEN DECKS & ARE LED OVERBOARD ABOVE L.W.L. WITH STORM VALVES AT SHIPS SIDES.

Particulars of Side Scuttles :—

10" DIA IN POOP, BRIDGE & F'CLE WITH DEADLIGHTS.

ALL SIDELIGHTS OF SUBSTANTIAL CONSTRUCTION.

Vertical distance of Sill of lowest Side Scuttle above top of keel NONE BELOW UPPER DECK.

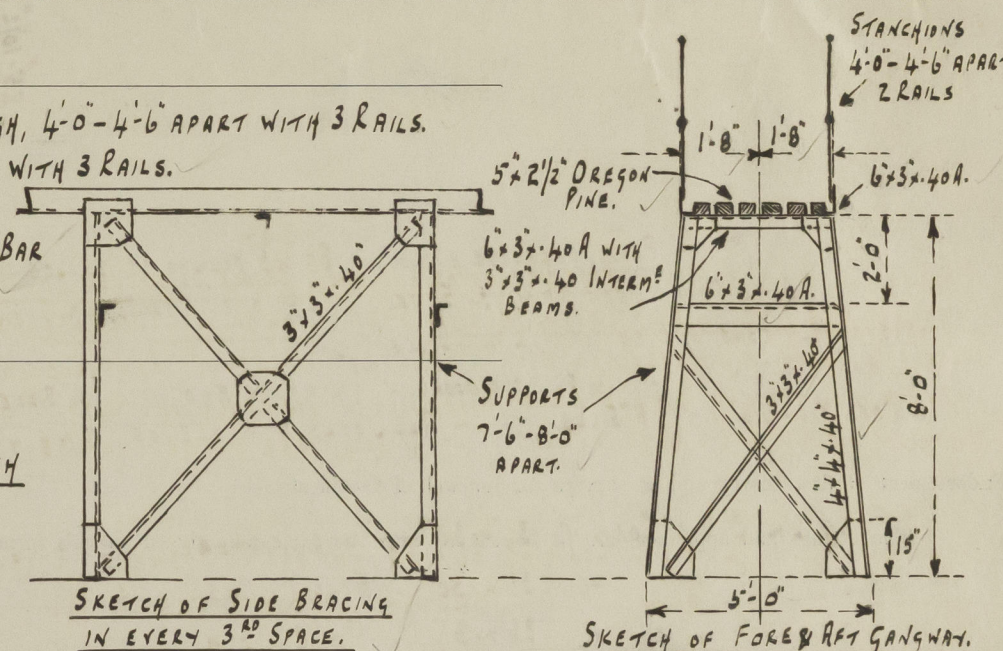
Particulars of Guard Rails:— UPPER DK:- STANCHIONS 3'-11" HIGH, 4'-0"-4'-6" APART WITH 3 RAILS.

POOP, F'CLE & 2 STANCHIONS 3'-7" HIGH. 4'-0" - 4'-6" APART WITH 3 RAILS.

BRIDGE SIDES:- 25 STEEL BULWARK WITH 3'x3'x30 RAIL BAR WITH PLATE STAYS & VERT STIFFS

Particulars of Gangways, Lifelines, etc. :—

GANGWA-1 FITTED AS PER SKETCH  
POOP TO BRIDGE & BRIDGE TO F'CLE.



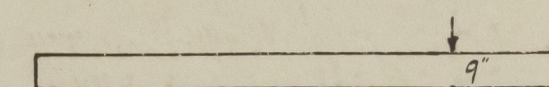
## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ... ..	FW <sup>d</sup> OF POOP FT. AFT OF BRIDGE END	4'-0" 4'-0"	1 @ 14'-9" x 9" 1 @ 15'-5" x 9"	} TWO	} 22.35 sq ft	} 50% OPEN RAILS.
Forward Well ... ..	FW <sup>d</sup> OF BRIDGE FT AFT OF FOLE FT.	4'-0" 4'-0"	1 @ 12'-5" x 9" 1 @ 12'-5" x 9"	} TWO	} 18.05 sq ft.	

State position of each freeing port ... .. { After Well:—After End 12'-3" FW of POOP FT, FW END 15'-0" AFT OF BRIDGE END, } ALL 12" ABOVE DECK.  
(F. and A. position and height above deck edge) { Forward Well:—After End 13'-6" FW of BRIDGE FT, FW END 8'-3" AFT OF F'CLE FT. }

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *NONE.*

Additional area where sheer is less than standard.



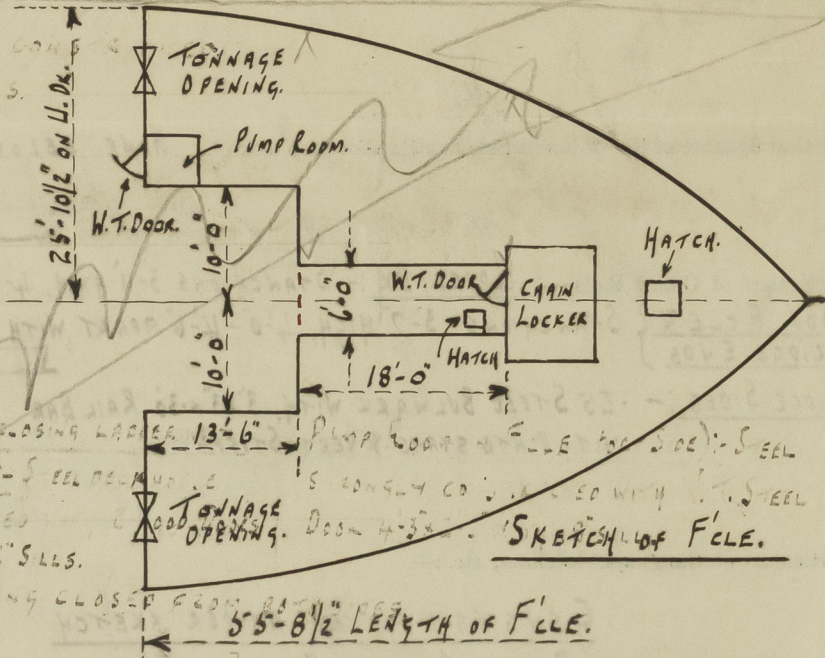
## SKETCH OF FREEING PORTS.



## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.															
FREEBOARD DECK						SUPERSTRUCTURE DECKS.									
Description of Hatchway	...	...	...	FORE HOLD HATCH	CARGO OIL HATCHES 27 OFF	OIL BUNKERS 2 OFF	SETTLING TANK MANHOLES 2 OFF	COFFERDAM MANHOLES 6 OFF	HATCH TO FORE HOLD TWEEN DECKS	F'CLE SPACE	F'CLE DECK MANHOLE	POOP DECK ST <sup>2</sup> SIDE	POOP DECK AFT.		
Dimensions of Hatchway	...	...	...	6'-9" x 10'-0"	6'-0" x 4'-0"	3'-0" x 3'-0"	24" x 18"	24" x 18"	2'-6" x 2'-0"	3'-0" x 3'-0"	24" x 18"	2'-9" x 2'-9"	2'-6" x 2'-6"		
COAMINGS	{	Height above Deck	...	30"	12" PLATE	30"	12" x 3 1/2" x .50" WELDED TOE ON TO DECK		9"	9"	12"	12"	30"		
		Thickness	{	Sides	...	.44"			.50"	.40"	.40"	.40	.38"	.38"	.36"
			Ends	...	.44"	.50"			.40"	.40"	.40	.38"	.38"	.36"	
				Stiffeners	...										
Brackets, Stays	...												TRUNKED TO UPPER DECK.		
HATCH BEAMS	{	Number	...												
		Spacing	...												
		Scantling and Sketch	...												
		Bearing Surface	...												
FORE AND AFTERS	{	Number	...												
		Spacing	...												
		Unsupported Lengths	...												
		Scantling* and Sketch	...												
Bearing Surface	...														
HATCH COVERS	{	Material	...	STEEL	STEEL	STEEL	W.T. STEEL 3/4" BOLTS SPACED W.T. PITCH		STEEL	STEEL	STEEL	STEEL W.T.	STEEL		
		Thickness	...	.50"	.64"	.50"			.38"	.44"	.44"	.38"	.38"		
		How fitted	...	HINGED	HINGED	HINGED			HINGED	HINGED	HINGED	HINGED			
		Bearing Surface	...	TOGGLES ABOUT 18"-17"	TOGGLES ABOUT 18"	TOGGLES ABOUT 18" APART			TOGGLES 12"-18" APART	TOGGLES 12"-18" APART	TOGGLES ABOUT 16" APART (HINGED)	RUBBER LINED WITH HANDLES 15" APART	TOGGLES 12"-18" APART		
Spacing of Cleats	...														
Number of Tarpaulins	...														
*Are wood fore and afters steel shod at all bearing surfaces? 75'-11/2"															
Are battens and wedges efficient and in good condition? 15'-0"															
Are tarpaulins in good condition and in accordance with rule requirements? 3'-0"															
Are lashings provided in accordance with rule requirements? 5'-0"															

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.

8 " " 36" x 30" " FLOOR DES. \* 2 " " 15" x 25" " 9" IN HOLE  
 " " " 36" x 30" " FLOOR DES. " " " 24" x 25" " PIPE PASS, E.  
 " " " 36" x 30" " FLOOR DES. 4 " " 20" " 8" x 25" " POOP TI. DES.  
 " " " 36" x 30" " FLOOR DES. 9 G.V. VENTS ON POOP PL 6" x 4", 30" HIGH FROM POOP BETWEEN DES.  
 " " " 36" x 30" " FLOOR DES. \* SCREEN DOWN MUSHROOM TOP, OTHER VENTS ON CASING TOP FITTED  
 " " " 36" x 30" " FLOOR DES. WITH MUSHROOM TOP.  
 " " " 36" x 30" " FLOOR DES. ALL VENTS CON. LIFTED IN ALL DOORS 6" HIGH FROM DES.  
 " " " 36" x 30" " FLOOR DES. 8 FITTED WITH GAS TIGHT COVERS OR WOOD PLUGS  
 " " " 36" x 30" " FLOOR DES. CANVAS COVERS.

P	PIPES ON FCL DR	36"	HIGH	"	DIA FROM FORE PEAK	"
"	" " "	30"	"	4"	"	FOR DEET
-	LPPER DR	10'-9"	"	"	"	F.P.R. COFFERDAMS & SUPPORTED
		0-9"	"	"	"	SEALING TANKS & SUPPORTED
D-	POOP DR	36"	"	"	"	CROSS BUNKER.
"	"	36"	"	"	"	D.B. OLF ELTA C.
"	"	36"	"	"	"	D.B. COFFER DAM.
"	"	36"	"	"	"	D.B. COFFER DAM.