

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

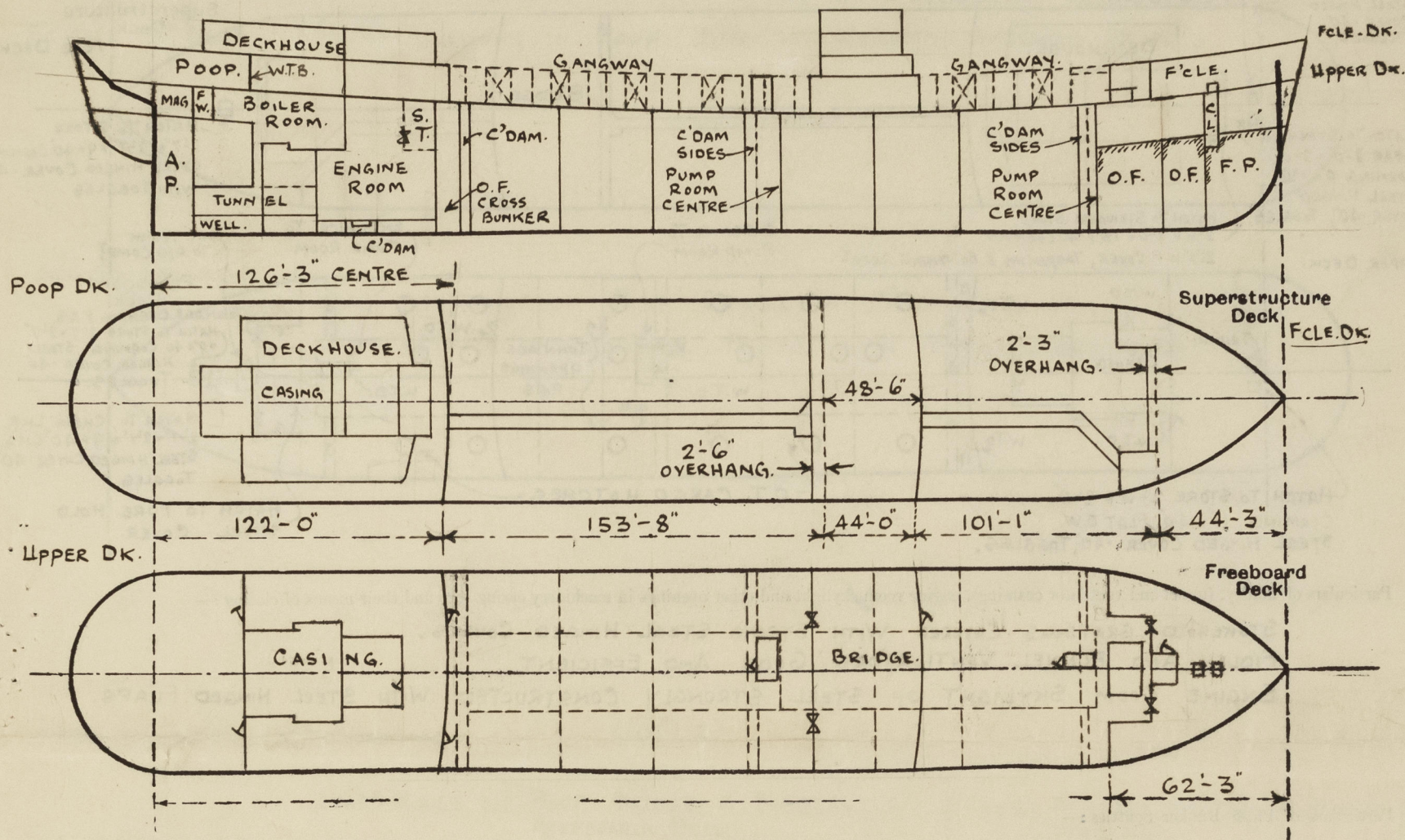
Index No. 875
 (For London Office only.)
 Vol. 17592.

Ship's Name *S/S. "EMPIRE LAWY."* *FURNESS S.B. CO.*
YARD NO 357. Port of Survey *MIDDLESBROUGH.*

Official Number *169132* Surveyor's Signature *H. B. Young.* *April 12. 1900.*

Nationality and Port of Registry *BRITISH.* *MIDDLESBROUGH.* 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.

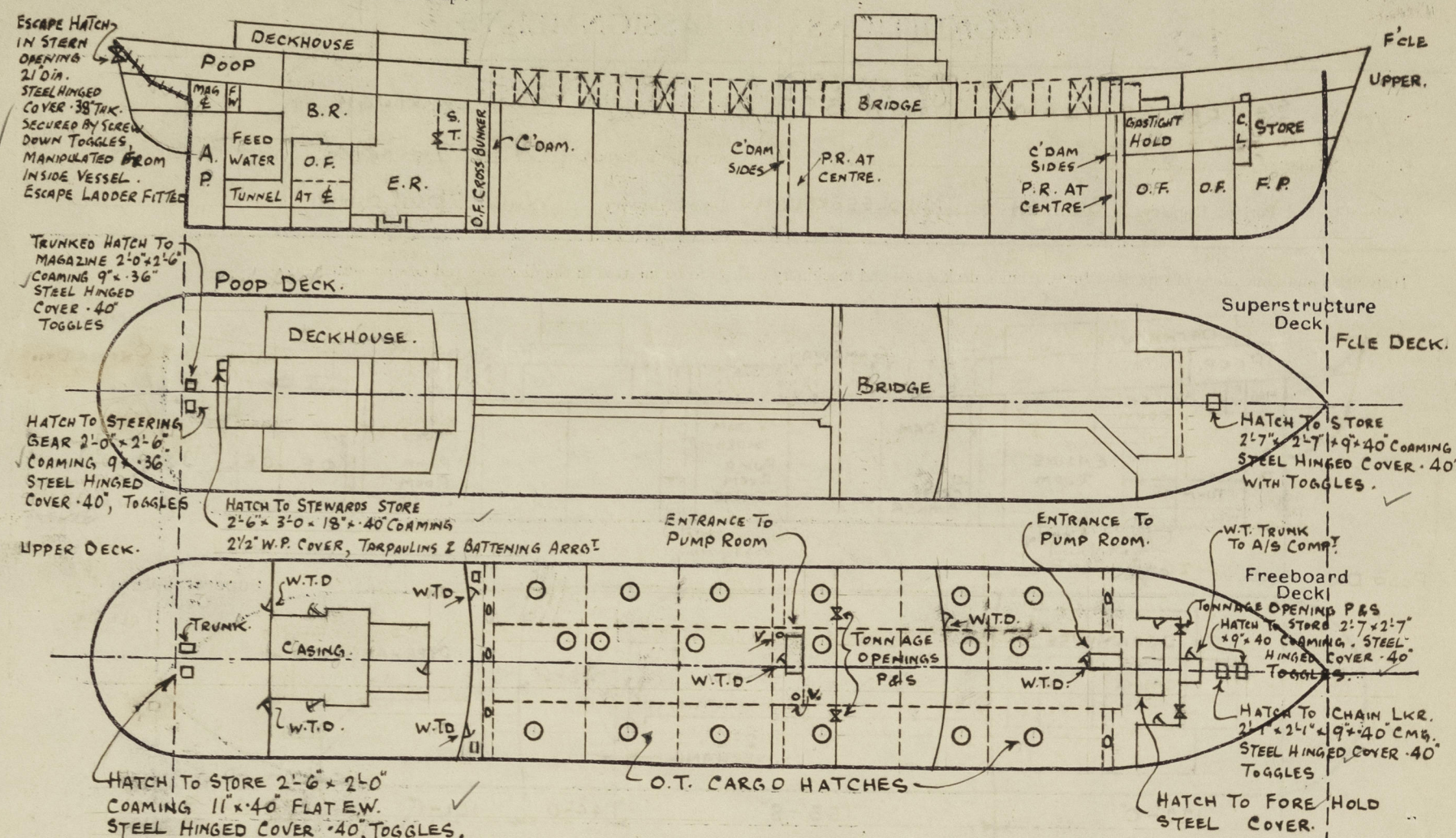
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	· 44"	· 44"	10" x 3½" x 40" L	30"	LUGS TOP. E.W. BOTTL	2 OFF W.T.O. 5'-0" x 2'-2"	18"	7'-6"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead	· 34"	· 34"	5" x 3" x 36" OA	36"	BRKTS TOP. JOINTER BOTTL	2 OFF W.T.O. 4'-10" x 2'-0" 16½" 2" T.O. 5'-3¾" x 2'-9" 16½"		7'-6"
Bridge, Forward Bulkhead	· 50"	· 50"	10" x 3½" x 44" L	36"	BRKTS TOP. E.W. BOTTL	1 OFF W.T.O. 5'-0" x 3'-0"	16½"	7'-6"
Forecastle Bulkhead	· 30"	· 30"	5" x 3" x 30" OA	27"	JOINTER.	2 OFF T.O. 4'-6" x 3'-0½"	18"	7'-6"
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Super- structure Decks	✓							
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances	✓							
Deckhouses on Flush Deck Ships ...	PUMP	ROOM	ENTRANCES .					

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

Poop Bulkhead		HINGED W.T. STEEL DOORS P & S, MANIPULATED FROM BOTH SIDES.	✓
Raised Quarter Deck Bulkhead ...	✓		
Bridge, After Bulkhead		HINGED W.T. STEEL DOOR P & S, MANIPULATED FROM BOTH SIDES. PORTABLE PLATES WITH HOOK BOLTS P & S, (BOLTS 14" APART.)	✓
Bridge, Forward Bulkhead		HINGED W.T. STEEL ^{DOOR.} PORT SIDE, MANIPULATED FROM BOTH SIDES. PORTABLE PLATES WITH HOOK BOLTS P & S, (BOLTS 14" APART).	✓
Forecastle Bulkhead		HINGED W.T. STEEL DOOR P & S, MANIPULATED FROM BOTH SIDES.	✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	✓		
Exposed Machinery Casings on Super-structure Decks	✓		
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓		
Deckhouses on Flush Deck Ships ...		PUMP ROOM ENTRANCE MIDSHIPS. HINGED W.T. STEEL DOOR, MANIPULATED FROM BOTH SIDES. " " " FORWARD. " " " " "	✓ ✓

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 hiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

STOKEHOLD GRATINGS COVERED WITH STRONG STEEL HINGED COVERS.

FIDLEY AND FUNNEL VENTILATORS GOOD AND EFFICIENT.

ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED WITH STEEL HINGED FLAPS.

Particulars of Flush Bunker Scuttles:—

NONE FITTED.

Particulars of Companionways:—

FORWARD PUMP ROOM ENTRANCE, 4'-6" x 2'-9" x 6'-6" HIGH.

PLATING .36". 1, STIFFER ON SIDES 3" x 3 1/8" FLAT E.W.

W.T. DOOR ON AFTER END 4'-6" x 2'-3" MANIPULATED FROM BOTH SIDES. 18" x 36" COAMING.

W.T. DOOR ON AFTER END 4'-6" x 2'-3" MANIPULATED FROM BOTH SIDES. 18" x .36 COA
MIDSHIP PUMP ROOM ENTRANCE: - 7'-6" x 9'-9" x 7'-6" HIGH, COAMING 7 1/2" x 40' FLAT E.W. PLATING .30"

STIFFERS FORE END $4 \times 3\frac{1}{2} \times .36$ TOE E.W. SPACED $2'-9"$. AFT END & SIDES $3 \times .36$ FLATS E.W.

Top .30 PLATING, 4" x 3" .32" BEAMS TOE EW, W.T. DOOR ON AFTER END 4'-1" x 1'-8".

24" x 30" COMING, MANIPULATED FROM BOTH SIDES.

24 + 30 COMPILING, MANIPULATED FROM BOTH S

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

POSITIONS ON DECK IN EXPOSED POSITIONS ON FOREBOARD AND SUPERSTRUCTURE DECKS :-									
FORECASTLE DECK	LED	TO	ROPE, DECK STORES & ASDC	3 OFF	6" DIA	36" x .25"	COAMING -	X.	
"	"	"	FORE HOLD.	1 "	12" "	36" x .32"	"	X.	LO
"	"	"	TWEEN DECK STORE.	2 "	10" "	36" x .32"	"	X.	
"	"	"	FORE STORE BELOW UPPER DECK.	1 "	8" "	36" x .30"	"	X.	
UPPER	"	"	MIDSHIP PUMP ROOM	2 "	24" "	36" x .40"	"	X.	LO
"	"	"	FORE	1 "	12" "	36" x .32"	"	X.	LO
"	"	"	FORE HOLD.	1 "	12" "	36" x .32"	"	X.	LO
POOP	"	"	STEERING GEAR	2 "	6" "	30" x .25"	"	X.	
"	"	"	REFRIG. MACHINE	2 "	6" "	30" x .25"	"	X.	
"	"	"	POOP PASSAGEWAYS	4 "	16" "	30" x .38"	"	X.	

ALL VENTILATORS CONSTRUCTED IN ACCORDANCE WITH THE RULES AND COAMINGS :-	
CLOSED WITH GASTIGHT PACKED COVERING PLATES	MARKED 10.
" " WOOD PLUGS AND CANVAS COVERS	" X.
" " GASTIGHT HINGED VALVE.	" 0.

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

AIR PIPE ON POOP DECK LED TO RUDDER TRUNK (P)	3" DIA.	GOOSENECK
POOP	PEAK	AST PWS
		4"

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks									
AIR PIPE ON	POOP	POOP	DECK LED TO	RUDDER TRUNK (P)	3" DIA.	GOOSENECK	18" HIGH	WOOD PLUG & CANVAS COVER	
"	"	"	"	FEED WATER TANK (P&S)	3"	"	18"	"	"
"	"	"	"	O.F. UNDER BR. FLAT (P&S)	4"	BELLMOUTH	18"	"	DOUBLE GAUZE & SCREW-UP COVERS
"	"	"	"	FEED W. & L. TANK 30-35 (S)	3"	GOOSENECK	18"	"	WOOD PLUG & CANVAS COVER
"	"	"	"	COFFERDAM 35-40 (P)	2 1/2"	GOOSENECK	18"	"	"
"	"	"	"	O.F. & L. TANK 40-49 (P&S)	4"	BELLMOUTH	18"	"	DOUBLE GAUZE & SCREW-UP COVER
"	"	"	"	O.F. SETTLING TANK (P&S)	3"	"	18"	"	"
"	"	"	"	O.F. BUNKERS 49-53 (P&S)	4"	"	6'-0"	"	"
"	"	"	"	COFFERDAM 53-4 (P&S)	4"	"	6'-0"	"	"
"	"	"	"	COFFERDAM 147-8 P&S	4"	BELLMOUTH	6'-0"	"	"
"	"	"	"	O.F. 149-162 P&S	4"	"	18"	"	"
"	"	"	"	O.F. 166-170 P&S	3"	"	18"	"	"
"	"	"	"	FORE PEAK. P.	4"	GOOSENECK	18"	"	WOOD PLUG & CANVAS COVER

SOUNDING PIPE DECK PIECES 10" HIGH WITH FLANGE TO TAKE EJECTORS, BRASS SCREW PLUGS CHAINED ON PIPE.
 " " TO D.F. & G. TANKS & FEED WATER TANK 4 OFF 2" DIA. 4'-0" ABOVE TANKS FITTED WITH SELF CLOSING VALVES.
 " " TO COFFERDAM d. G. TANK. 2 OFF 1 1/2" 4'-0" " " NON-DETACHABLE SCREW-PLUG.

Particulars of Gangway Cargo and Coaling Ports:—

NONE FITTED.

Particulars of Scuppers and Sanitary Discharge Pipes :—

SCUPPER FROM STEERING GEAR COMP ^T	AFT	2 1/2" DIA.	DISCHARGE OVERB'D	1'-0" BELOW UPPER DK(P&S)	FITTED WITH CHAINED SCREW PLUG!	
SANITARY DISCHARGES FROM POOP ACCOMMODATION	4' & 4 1/2" DIA.	"	"	5'-0"	" " " }	
"	"	4, 3, 2 1/2" & 2" DIA.	"	2'-0"	" " " } FITTED WITH NRSD VALVES.	
"	"	MIDSHIP	"	5, 4, 3, 2 1/2, & 2" DIA	"	" " " }
				1'-6" ABOVE	" " "	} ON SHIPS SIDE & EFFICIENT TRAP ON INNER END.

SCUPPER FROM BOILER ROOM W.T. DECK 2" DIA. SCUPPER TO BILGES WITH SELF CLOSING VALVE (P&S) 4 OFF.
" " " " " 2" " " " (IN TUNNEL ESCAPE) NO VALVE (P&S)

SCUPPER TO BILGE IN FORWARD ALLEYWAY IN POOP FITTED WITH CHAINED SCREWED PLUG.

Particulars of Side Scuttles :—

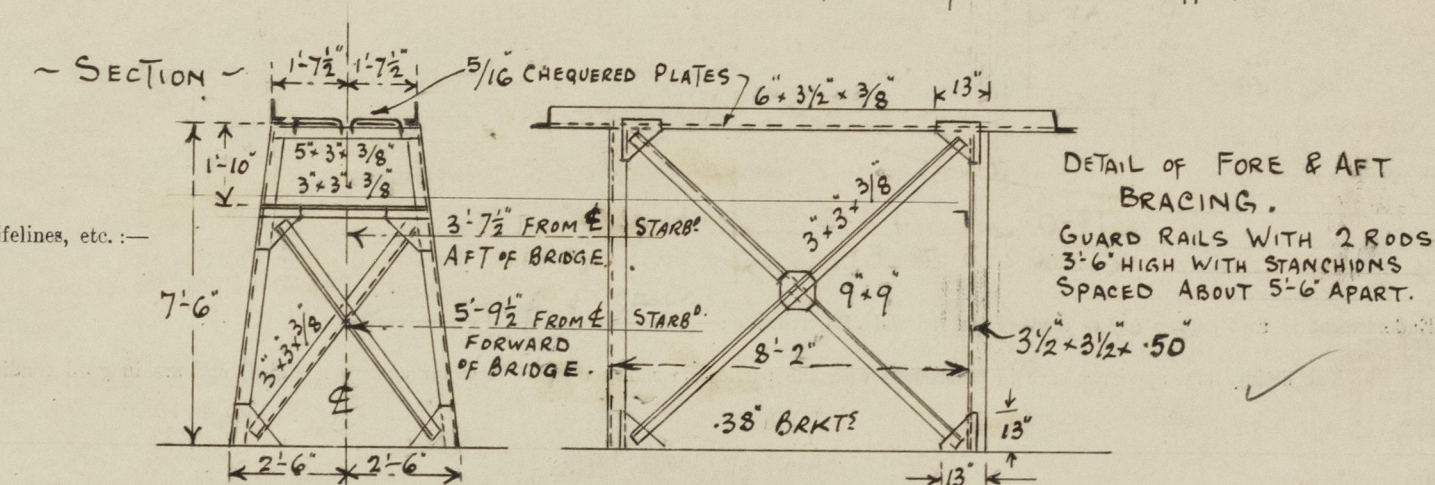
SIDE SCUTTLES ON POOP BRIDGE & FORECASTLE OF
SUBSTANTIAL CONSTRUCTION. FITTED WITH HINGED DEADLIGHTS. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 40'-3"

GUARD RAILS ON POOP BRIDGE & FORECASTLE 3 RODS, 3'-6" HIGH, WITH STANCHIONS SPACED ABOUT 5'-0"
 " " " FREEBOARD DECK 3 " 3'-6" " " " " 5'-0"
 PART STEEL BULWARKS AT ENDS OF ERECTIONS 3'-6" HIGH, EFFICIENTLY CONSTRUCTED & SUPPORTED.

Particulars of Guard Rails :—

FREEBOARD DECK 3 - 3'-6" - - -
PART STEEL BULWARKS AT ENDS OF ERECTIONS 3'-6" HIGH, EFFICIENTLY CONSTRUCTED & SUPPORTED



Particulars of Gangways, Lifelines, etc. :—

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 <u>FORW^d OF POOP.</u>	10'-0"	3'-6"	NONE			
<u>AFT OF BRIDGE.</u>	13'-0"	3'-6"	"	✓	✓	✓
Forward Well <u>FORW^d OF BRIDGE.</u>	10'-0"	3'-6"	"			
<u>AFT OF F'CLE.</u>	10'-0"	3'-6"	"	✓	✓	✓

State position of each freeing port	... ..	After Well:—	NONE
(F. and A. position and height above deck edge)		Forward Well:—	NONE

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.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		...		...		W. T. HATCHES		ON UPPER DECK.	
Dimensions of Hatchway		...		...		
COAMINGS	Height above Deck	...		...		
	Thickness	Sides		Ends					
HATCH BEAMS	Number	...		...		
	Spacing	...		...		
FORE AND AFTERS	Unsupported Lengths	...		...		
	Scantling and Sketch	...		...		
HATCH COVERS	Material	...		...		
	Thickness	...		...		
Spacing of Cleats		...		...		
Number of Tarpaulins		...		...		

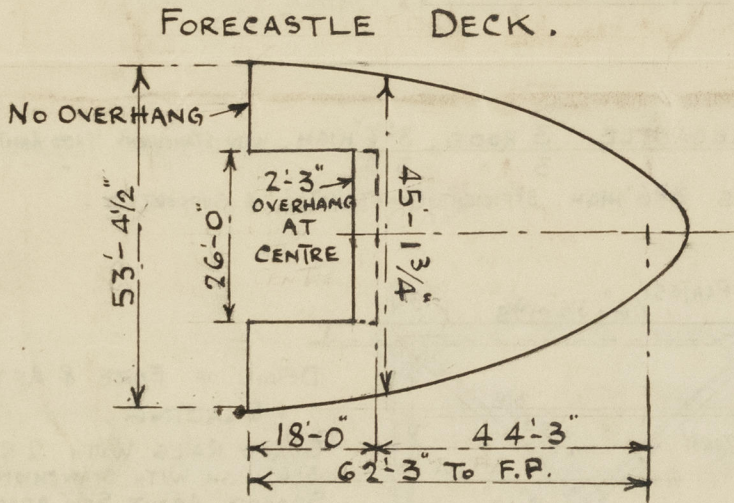
•Are wood fore and afters steel shod at all bearing surfaces ?

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 ?

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.