

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

MDB. 659.

Ship's Name EMPIRE ANNAN Ex MASUREN

Port of Survey *MIDDLESBROUGH.*

Official Number

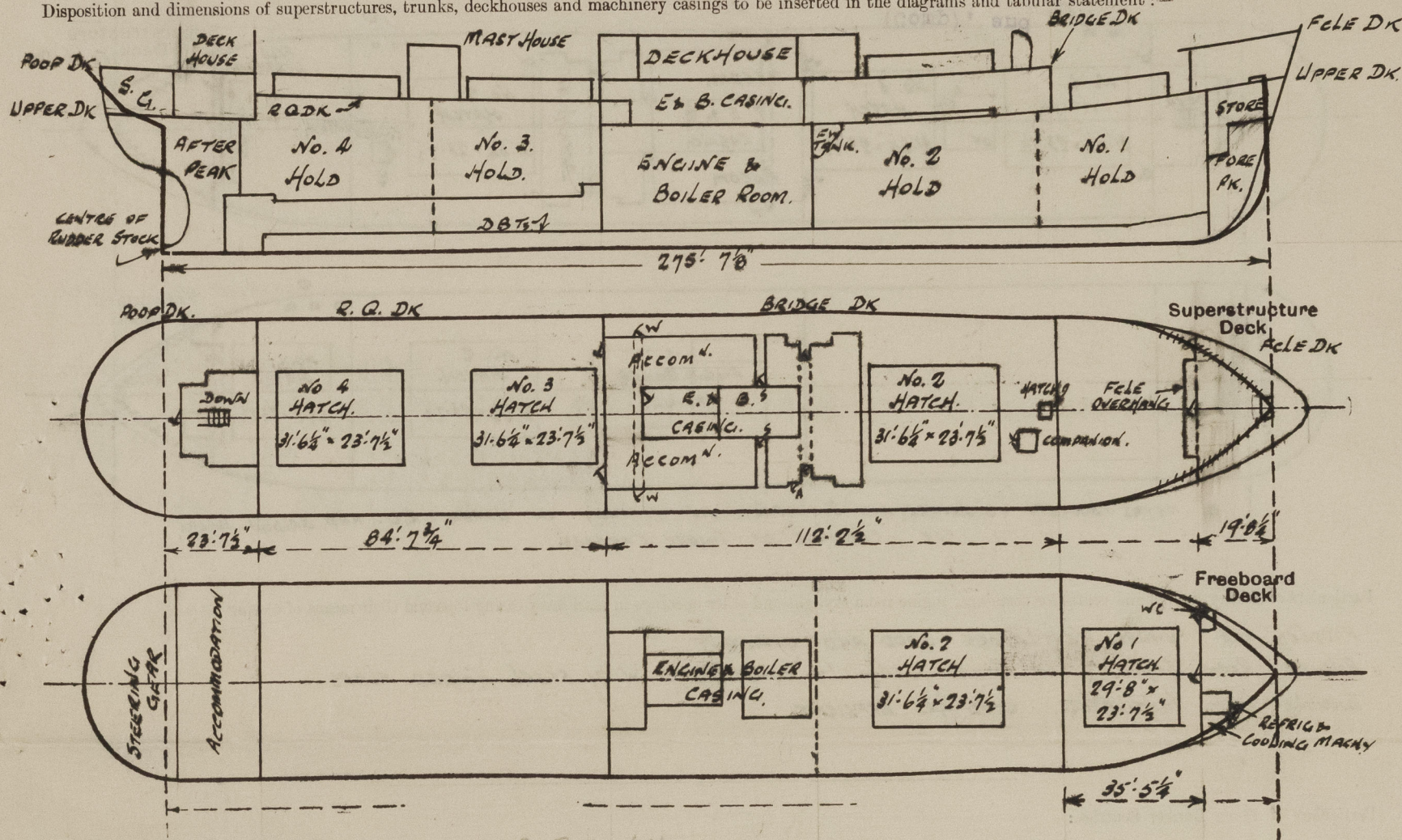
Surveyor's Signature Thomas Nell.

Nationality and Port of Registry.

LONDON.

Date of Survey 9TH JULY 1945 AND SUBSEQUENTLY.

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.

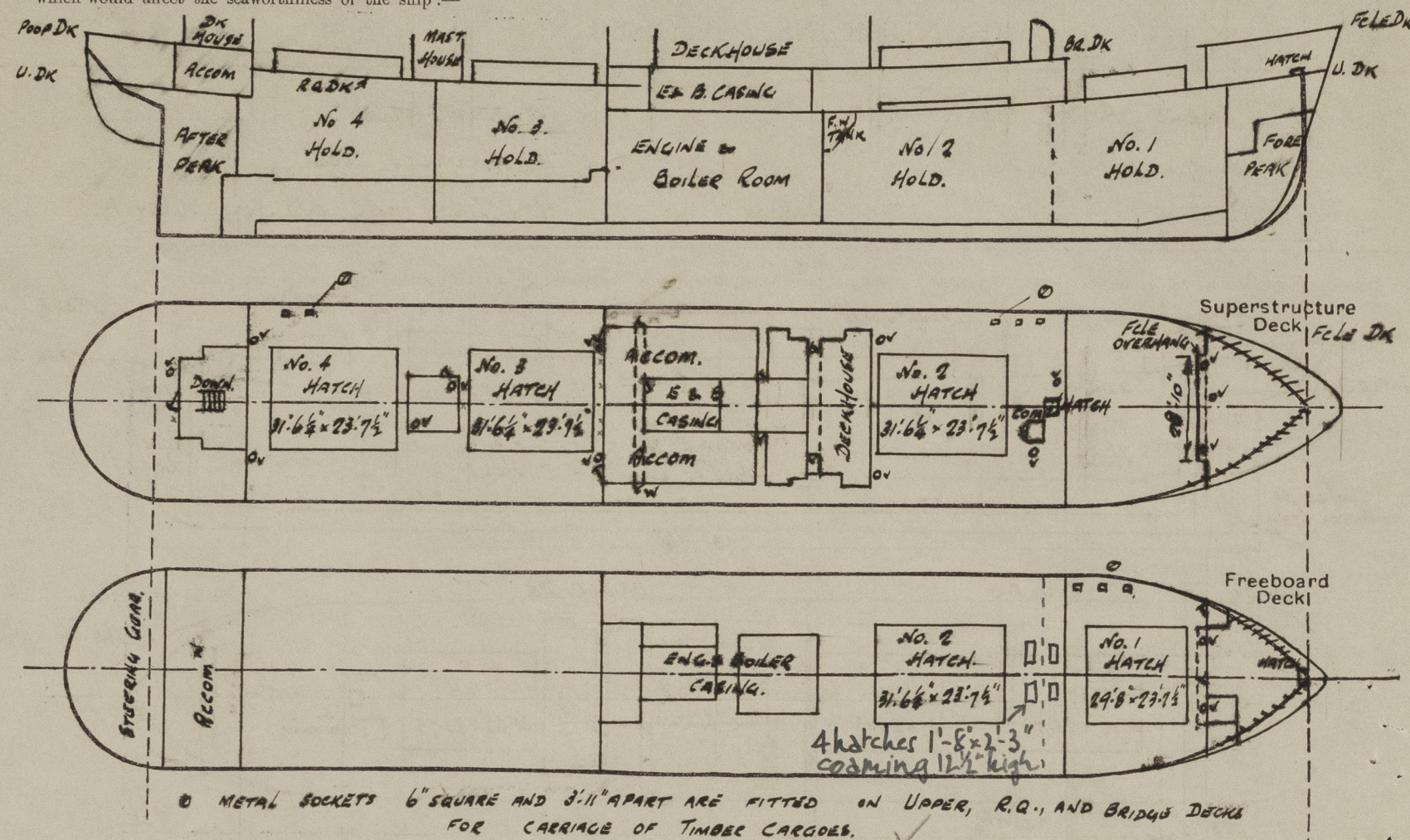
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	-	5/16	3/8 x 3/8 plate	2'-0" - 5'-0"	TOP - NONE BOTT - WELDED	NONE		
Raised Quarter Deck Bulkhead ...	-	-				NONE		
Bridge, After Bulkhead	-	5/16	3/8 x 5/16 flat	23' - 28'	None	2'-3 1/2" x 28 3/8"	5'	
Bridge, Forward Bulkhead	-	7/16	7 x 5/16 B.P.	23 1/4' - 29 1/4'	Welded T. & B.	2'-4 1/16" x 3'-5"	20"	
Forecastle Bulkhead	-	5/16	3/8 x 5/16 flat	24 - 28	None	2'-4 1/16" x 1'-11 3/4"	15"	
Trunk, Aft	-							
Trunk, Forward	-							
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	-							
Exposed Machinery Casings on Super- structure Decks	36	5/16	3/8 x 36	23 1/2'	None	2'-5'-5" x 2'-1 1/2" 2'-4'-8" x 2'-0 1/2" 1'-4'-5 1/2" x 1'-3 1/2" 1'-5'-5" x 2'-0 1/2"	12" 20" 18" 9"	7'-6"
Machinery Casings within Superstruc- tures 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		✓	
Raised Quarter Deck Bulkhead	...		✓	
Bridge, After Bulkhead	2 HINGED STEEL W.T. DOORS , MANIPULATED FROM OUTSIDE ONLY . HANDLE KEY DETACHED.	✓	
Bridge, Forward Bulkhead	2 BOLTED PLATES (PORTABLE) WITH HOOKED BOLTS SPACED 13" APART.	✓	
Forecastle Bulkhead	2 HINGED STEEL DOORS MANIPULATED FROM BOTH SIDES.	✓	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	...	{ W- 2 HINGED WOOD DOORS MANIPULATED FROM BOTH SIDES.	✓	} SURROUNDED BY ENCLOSED ACCOMMODATION.
Exposed Machinery Casings on Superstructure Decks	{ S - 2 " STEEL "		
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	{ A - 1 " " " "		
		{ " " " " " "		
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 :-

FIDDLE AND FUNNEL VENTILATORS GOOD AND EFFICIENT
ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED WITH STEEL HINGED FLAPS
ENGINE ROOM VENTILATORS GOOD AND EFFICIENT.

Particulars of Flush Bunker Scuttles :-

NONE FITTED.

Particulars of Companionways :-

COMPANION ON BRIDGE DECK FORD ON STARB. SIDE. GIVING ACCESS TO BRIDGE THREE DECKS. 6'-9" HIGH x 35 1/2" x 39 1/2" WITH 2 HINGED STEEL DOORS AND SILL 18" HIGH. ADDITIONAL PLATE SILL INSIDE 37" HIGH.
DECKHOUSE ENTRANCE ON POOP DECK GIVING ACCESS TO ACCOMMODATION. 7'-9" HIGH WITH HINGED STEEL DOOR AND SILL 18" HIGH.
MAIN MAST HOUSE ON R.Q. DK. GIVING ACCESS TO NOS 3 & 4 HOLDS. 9'-0" HIGH x 11'-10" x 9'-10 1/2" WITH HINGED STEEL W.T. DOOR 4'-2 1/2" x 1'-9" AND SILL 24 1/4" HIGH.

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

ON POOP DK TO ACCOM. 7" DIA. x 30 8'-4" HIGH STAYED TO DECKHOUSE. 1 OFF
ON R.Q.DK. TO HOLDS 12 1/2" x 34 14'-0" ABOVE DK. STAYED TO DECKHOUSE 1 P & 1 S
MAST HOUSE TOP TO " 15" x 36 1'-11" ABOVE MAST HOUSE 1 P & 1 S
R.Q.DK. TO " 12 1/2" x 34 14'-4" " DK. STAYED TO DECKHOUSE 1 P & 1 S
BOAT DK TO TW. DKS 11" x 14 2'-3" " DECK 1 P & 1 S
" " TO TW. DKS 9" x 14 2'-2" " " 1 P & 1 S
BRIDGE DK " HOLDS 12 1/2" x 34 10'-3" " STAYED TO DECKHOUSE 1 P & 1 S
" " " 17" x 40 7'-9" " " " 1 P & 1 S
FLE " " 17" x 40 3'-5" " " " 1 P & 1 S
" " TW. DKS 7" x 30 2'-9 1/2" " " 1 OFF

VENTILATORS FITTED WITH WOOD PLUGS & CANAS COVERS.

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

ON POOP DK. TO S.G. SPACE 6" x 2 1/4" WITH HINGED LOCKED COVER. 1 OFF
" R.Q. " " AFTER PK TANK LED THRO POOP FRONT 2 1/2" DIA 3'-1" ABOVE R.Q.DK. 1 P & 1 S
" R.Q. " " D.B. TANKS 2 1/2" DIA. 3'-0" ABOVE DK 2 P & 2 S
" R.Q. " " " 2 1/2" DIA. 3'-3 1/2" " 1 CENTRE
" BRIDGE " " " 6" x 2 1/4" WITH HINGED LOCKED COVER. 30 & 35
" R.Q. " " D.B. TANKS 2 1/2" DIA 3'-3 1/2" ABOVE DK 2 P & 2 S
" BRIDGE " " D.B. TANKS 2 1/2" DIA 3'-1" " 2 P & 2 S
" UPPER " " F.W. " 2 1/2" " 2'-2" " 1 OFF
" " " D.B. " 2 1/2" " 3'-2" " 1 OFF
" FLE " " D.B. " 2 1/2" " 4'-8" " 1 OFF
" " " " 6" x 2 1/4" WITH HINGED LOCKED COVER

CLOSING APPLIANCES - WOOD PLUGS except where otherwise stated

Particulars of Gangway Cargo and Coaling Ports :-

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :-

SANITARY DISCHARGE PIPES FROM W.C.s ON POOP, BRIDGE & U. DECK DISCHARGE BELOW FREEBOARD DECK.

Superstructure drained to Engine Room bilge

Particulars of Side Scuttles :-

NONE BELOW FREEBOARD DECK

SIDE SCUTTLES IN THE SUPERSTRUCTURES ARE OF STRONG CONSTRUCTION AND ARE FITTED WITH DEADLIGHTS.

SCUTTLES ON THE POOP FRONT HAVE NO DEADLIGHTS

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

Particulars of Guard Rails :-

BULWARK ON UPPER DECK 3'-11 1/2" HIGH STRONGLY CONSTRUCTED AND SUPPORTED BY STANCHIONS 3'-11" APART.

R.Q. 4'-0" " " " 3'-11" " 2 Freeing ports each side 2'-9" x 1'-4"
BRIDGE 4'-0" " " " 3'-11" " " "
POOP 3'-3 1/4" " " " 6'-0" " " "

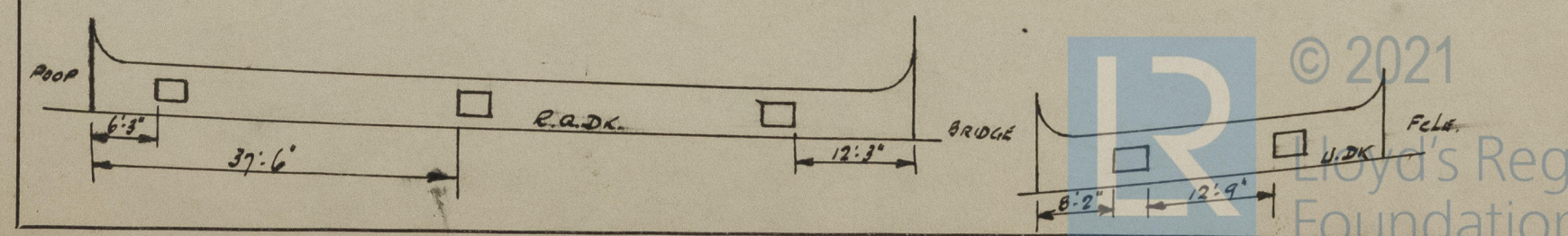
Particulars of Gangways, Lifelines, etc. :-

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 ...	84'-7 1/4"	4'-0"	3'-3" x 1'-11"	3	18-72 1/2	16-9
Forward Well ...	30'-5 1/4"	3'-11 1/2"	3'-3" x 1'-11"	3	12-48 1/2	10-05

State position of each freeing port ... After Well :- 8 1/2" ABOVE DECK
(F. and A. position and height above deck edge) Forward Well :- 10 1/2" " (SEE SKETCH BELOW)

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :- 2 HORIZONTAL BARS

Additional area where sheer is less than standard.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.												
UPPER DECK					BE. DK		R. & DECK		UPPER DECK			
Description of Hatchway	No. 1	No. 2	F.P. STORE	To NO. 1 HOLD ACCESS 2 OFF	No. 2	ACCESS.	No. 3	No. 4	To NO. 2 HOLD ACCESS 2 OFF			
Dimensions of Hatchway	29'8" x 23'7 1/2"	31'6 1/4" x 23'7 1/2"	2'9" x 1'9"	17' x 20"	31'6 1/4" x 23'7 1/2"	2'5" x 1'8"	31'6 1/4" x 23'7 1/2"	31'6 1/4" x 23'7 1/2"	27' x 20"			
COAMINGS	Height above Deck ... 3'-5" Thickness ... X Stiffeners ... 7" B. PLATE Brackets, Stays ... 5" B. PLATE	Height above Deck ... 12 1/2" Thickness ... X Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 5" Thickness ... ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 12 1/2" Thickness ... X Stiffeners ... - Brackets, Stays ... -	Height above Deck ... 2'-11 1/2" Thickness ... 7" B. P. Stiffeners ... 5" B. P. Brackets, Stays ... ✓	Height above Deck ... 2'-0" Thickness ... ✓ Stiffeners ... ✓ Brackets, Stays ... ✓	Height above Deck ... 2'-9 1/4" Thickness ... 7" B. P. Stiffeners ... 5" B. P. Brackets, Stays ... ✓	Height above Deck ... 2'-9 1/4" Thickness ... 7" B. P. Stiffeners ... 5" B. P. Brackets, Stays ... ✓	Height above Deck ... 12 1/2" Thickness ... X Stiffeners ... - Brackets, Stays ... -			
HATCH BEAMS	Number ... 5 Spacing ... 5'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 4 Spacing ... 4'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 20 1/2'-13" Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 4 Spacing ... 4'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 4 Spacing ... 4'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 4 Spacing ... 4'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 4 Spacing ... 4'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"	Number ... 4 Spacing ... 4'-0" Scantling and Sketch ... WEB - 3/8" WELDED FLATS ... 21'-13 1/2" Bearing Surface ... 3"			
FORE AND AFTERS	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"	Number ... 1 Spacing ... 1'-0" Unsupported Lengths ... 5'-10 1/2" Scantling and Sketch ... HATCH STAYS Bearing Surface ... 3"		
HATCH COVERS	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... STEEL Thickness ... 2 1/2" How fitted ... HINGED Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... SOLID Bearing Surface ... 3"		
Spacing of Cleats	23"	23"		2 per side	23"	2 per side	23"	23"	2 per side			
Number of Tarpaulins	3	2		2	3	3	3	3	2			
*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												

Particulars of any special features :-

Efforts for lashings are provided in the deckhouse in way of each metal socket (Average spacing 3'-11")
 The double bottom tanks within the midship half-length of the ship have adequate longitudinal subdivision
 Secondary means of steering is provided by hand-operated gear situated in the steering gear space aft.

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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