

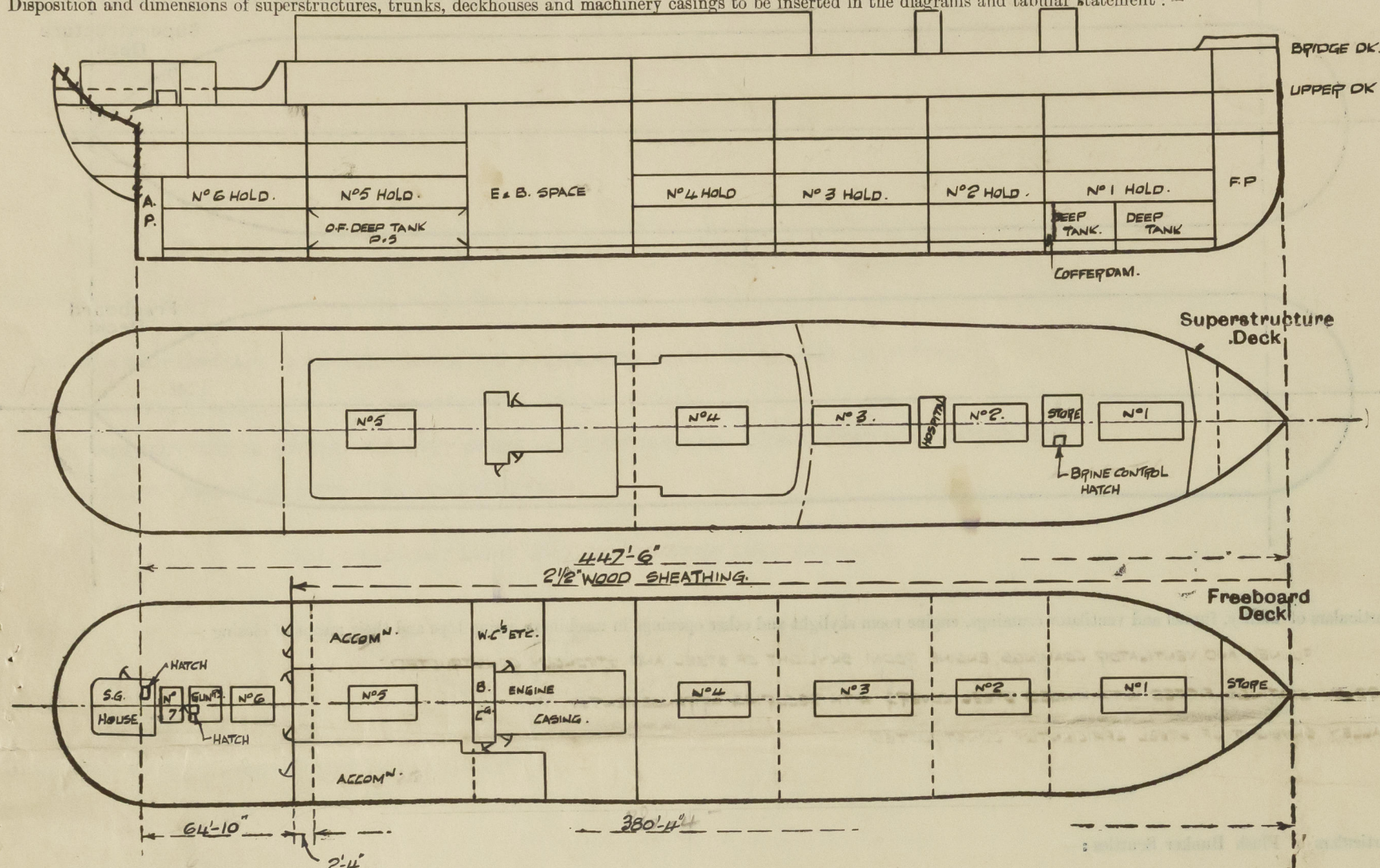
# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

Ship's Name RIPPINGHAM GRANGE Port of Survey NEWCASTLE-ON-TYNE.  
 Official Number 169564 Surveyor's Signature [Signature]  
 Nationality and Port of Registry BRITISH. London Date of Survey DURING CONSTRUCTION.

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.

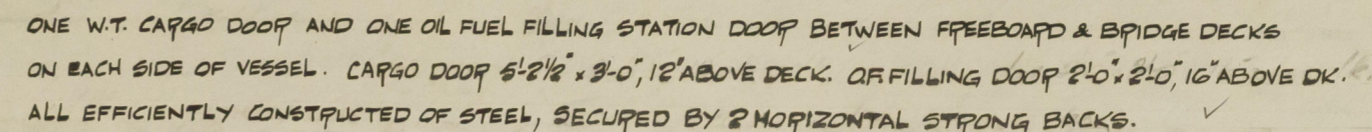
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ... ..	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ... ..	4'-0"	30	4" x 3" x 3/4"	2'-9" APPROX.	NONE	3 @ 5'-0" x 2'-2" 2 @ 5'-0" x 2'-0"	18" 18"	7'-10"
Bridge, Forward Bulkhead ... ..								
Forecastle Bulkhead ... ..	✓							
Trunk, Aft ... ..	✓							
Trunk, Forward ... ..	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ... ..	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..								
Deckhouses on Flush Deck Ships ...	2'-0"	26	3" x 2 1/2" x 40	2'-11"	NONE	5'-6" x 1'-9" P&S 5'-6" x 2'-0" SS.	12"	7'-10"

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

Poop Bulkhead ... ..	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ... ..	5 HINGED STEEL DOORS CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓
Bridge, Forward Bulkhead ... ..	✓
Forecastle Bulkhead ... ..	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ..	✓
Exposed Machinery Casings on Superstructure Decks ... ..	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	
Deckhouses on Flush Deck Ships ...	3 HINGED STEEL DOORS CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓

" RIPPINGHAM GRANGE "

Particulars of Gangway Cargo and Coaling Ports:—



Particulars of Scuppers and Sanitary Discharge Pipes :—

UPPER DECK SCUPPERS (IN COMBINED BRIDGE & FLE DECK) LED TO BILGES, AND FITTED WITH BRINE TRAP.

" " " " " " " FROM SINK & URINAL DISCHARGES LED TO 2" STORM VALVE ON SHIP'S SIDE BELOW FREEBOARD DK.

SANITARY DISCHARGES " 4" "

BRIDGE DECK SCUPPERS LED TO 2" STORM VALVE ON SHIP'S SIDE 15" ABOVE FREEBOARD DECK.

Particulars of Side Scuttles :—

THE SIDESCUTTLES IN REFRIG. MACHINERY SPACE IN UPPER TWEEN OK 10" DIA. FITTED WITH HINGED M.C.I

DEADLIGHTS AND OF SUBSTANTIAL CONSTRUCTION.

SILL OF LOWEST LIGHT 2'-10" BELOW UPPER DECK STRINGER. ✓

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

Particulars of Guard Rails :—

COMBINED BRIDGE & FORECASTLE DECK & BOAT DECK.

STANCHIONS 3'-6" HIGH SPACED 4'-6" APART 3 RAILS (2 @ 7/8" DIA & TOP RAIL 1 1/32" DIA)

2 1/2" x 1" M.S. STANCHIONS WELDED TO SHELL.

Particulars of Gangways, Lifelines, etc. :—

NONE

TYPE	POSITION.	SPACE TO.	N <sup>o</sup> & DIA.	HT TO OPENING.	THICKNESS
COWL VENT	BRIDGE DK.	CREWS MESSSES ETC.	2 @ 12"	3: 2 1/2"	30 & 34
PYFE HD VENT	"	WC <sup>h</sup> , WASHES, MESSSES.	13 P. 125. 6"-8"	3: 2 1/2"	30
" " "	"	STOPEES FOR P.	1 @ 3"	4'-6"	32"
" " "	BOAT DK.	STOPEES ETC.	9 P. 75. 6'-9"	2'-8 1/2"	30'-82"
COWL VENT	"	MESSSES ETC.	2 @ 9" & 4 @ 10"	2'-8 1/2"	30'-32"
" " "	"	TUNNEL ESCAPE	1 @ 24"	3: 2 1/2"	40"
" " "	DOCKING BRIDGE	"	1 @ 24"	3: 2 1/2"	40"
" " "	"	GUNNERS ACCOMN.	1 @ 8"	3: 2 1/2"	30
" " "	MAST HOUSE	"	2 @ 6"	1'-4"	30
PYFE HD VENT.	" "	"	2 @ 5"	2'-8 1/2"	30
" " "	"	FOR P. COFFERDAM.	2 @ 5"	2'-8 1/2"	50"

### CLOSING APPLIANCES.

ALL COWL VENTS CLOSED BY WOOD PLUG

AND CANVAS COVER.

FYFE HEAD VENTS CLOSED BY FIXED STEEL CAP.

POSITION	SPACE TO	N <sup>o</sup> .	DIA.	HT. TO OPENING.
UPPER OK.	W.T. FLAT.	2.	4"	3'-0"
"	AFT PEAK.	2	3 1/2"	3'-0"
BRIDGE DK.	N <sup>o</sup> 5 S/G TANKS.	3 P 35, 2 F.	5"	1'-6"
"	E 4 <sup>M</sup> O.R. TANKS.	1 P, 15, 2 F.	5"	"
"	COFFERDAM.	2	3"	"
"	LUB. OIL DRAIN TANK.	2	3"	"
"	N <sup>o</sup> 4 TANK.	2 P, 25, 12 F.	4"	"
"	N <sup>o</sup> 3 "	3 P, 35	20 2 1/2", 40 5"	"
"	N <sup>o</sup> 2 "	3 P, 35	20 2 1/2", 40 5"	"
"	COFFERDAM.	2	3"	"
"	WING TANK P.S.	2	5"	"
"	N <sup>o</sup> 1 DEEP TANK	2	5"	"
"	FORE PEAK.	1	4"	"

AIR PIPES TO F.W. TANKS & BALLAST TANKS — C.I. GOOSENECKS.

FROM O.F. TANKS FITTED WITH WIRE GAUZE.

CLOSING APPLIANCES:-

WOOD PLUGS OR CANVAS COVERS.

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 ... ..	62'-4" - 0	3'-3"	1 @ 3'-3" x 3", 1 @ 6'-0" x 3" 1 @ 4'-0" x 3", 1 @ 2'-3" x 3"	4	16.125	12.73 $\frac{1}{2}$
Forward Well ... ..	✓	✓	✓	✓	✓	

State position of each freeing port	... ..	After Well :—	FROM BRIDGE END TO ROPE END OF OPENING 5'6", 22'0", 51'6", 53'6"
(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:— **LONG SLOTS 9" CLEAR OPENING.**

Additional area where sheer is less than standard.

# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway	BRIDGE DK. No. 1.	BRIDGE DK. No. 2.	BRIDGE DK. No. 3.	BOAT DK. No. 3, 4.	BOAT DK. No. 5.	UPPER DK. No. 6.	UPPER DK. No. 7.	SMALL ACCESS HATCHES TO HOLD (5 IN N)	BRIDGE DK. STOVE HATCH.	BRIDGE DK. MAIL ROOM.	
Dimensions of Hatchway	27'-0" x 16'-0"	28'-0" x 16'-0"	27'-4" x 16'-0"	28'-0" x 16'-0"	28'-0" x 16'-0"	18'-8" x 16'-0"	8'-0" x 16'-0"	1'-10" x 2'-4"	1'-3" x 2'-0"	5'-0" x 4'-8"	
COAMINGS	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... 3 x 1/2 round steel 2 P.S.	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... 2 P.S.	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... 3 P.S.	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... 2 P.S.	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... 2 P.S.	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... 1 P.S.	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... 7'-3" x 40 B.A. Brackets, Stays ... NONE	Height above Deck ... 2'-9" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... NONE Brackets, Stays ... NONE	Height above Deck ... 12" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... NONE Brackets, Stays ... NONE	Height above Deck ... 12" Thickness { Sides ... 4-4 Ends ... 4-4 Stiffeners ... NONE Brackets, Stays ... NONE	
HATCH BEAMS	Number ... 3 C & 2 B Spacing ... 4'-6" Scantling and Sketch ...            Bearing Surface ...	Number ... 3 A & 2 B Spacing ... 4'-8" Scantling and Sketch ...            Bearing Surface ...	Number ... 4 A & 3 B Spacing ... 4'-8" Scantling and Sketch ...            Bearing Surface ...	Number ... 3 A & 2 B Spacing ... 4'-8" Scantling and Sketch ...            Bearing Surface ...	Number ... 3 A & 2 B Spacing ... 4'-8" Scantling and Sketch ...            Bearing Surface ...	Number ... 1 B Spacing ... 4'-0" Scantling and Sketch ...            Bearing Surface ...	Number ... 1 B Spacing ... 4'-0" Scantling and Sketch ...            Bearing Surface ...	Number ... 1 B Spacing ... 4'-0" Scantling and Sketch ...            Bearing Surface ...	Number ... 1 B Spacing ... 4'-0" Scantling and Sketch ...            Bearing Surface ...	Number ... 1 B Spacing ... 4'-0" Scantling and Sketch ...            Bearing Surface ...	Number ... 1 B Spacing ... 4'-0" Scantling and Sketch ...            Bearing Surface ...
FORE AND AFTERS	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
HATCH COVERS	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"	Material ... WOOD Thickness ... 2 1/2" How fitted ... F & A Bearing Surface ... 3"
Spacing of Cleats	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	
Number of Tarpaulins	2	2	2	2	2	2	2	2	2	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.											

*Small hatchway in Deck Room fitted with cover & battening arrangement.*

Particulars of any special features:—

BULWARKS.

UPPER DECK AFT. 3'-9" HIGH x 5/16" THICK WITH 5 1/2" x 3" x 36 B.A. RAIL AND 5 1/2" x 3" x 36 B.A. STAYS SPACED ABOUT 3'-11" APART.

BRIDGE " FORWARD.

" " AMIDSHIPS.

5'-2 1/2" TEAK RAIL

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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