

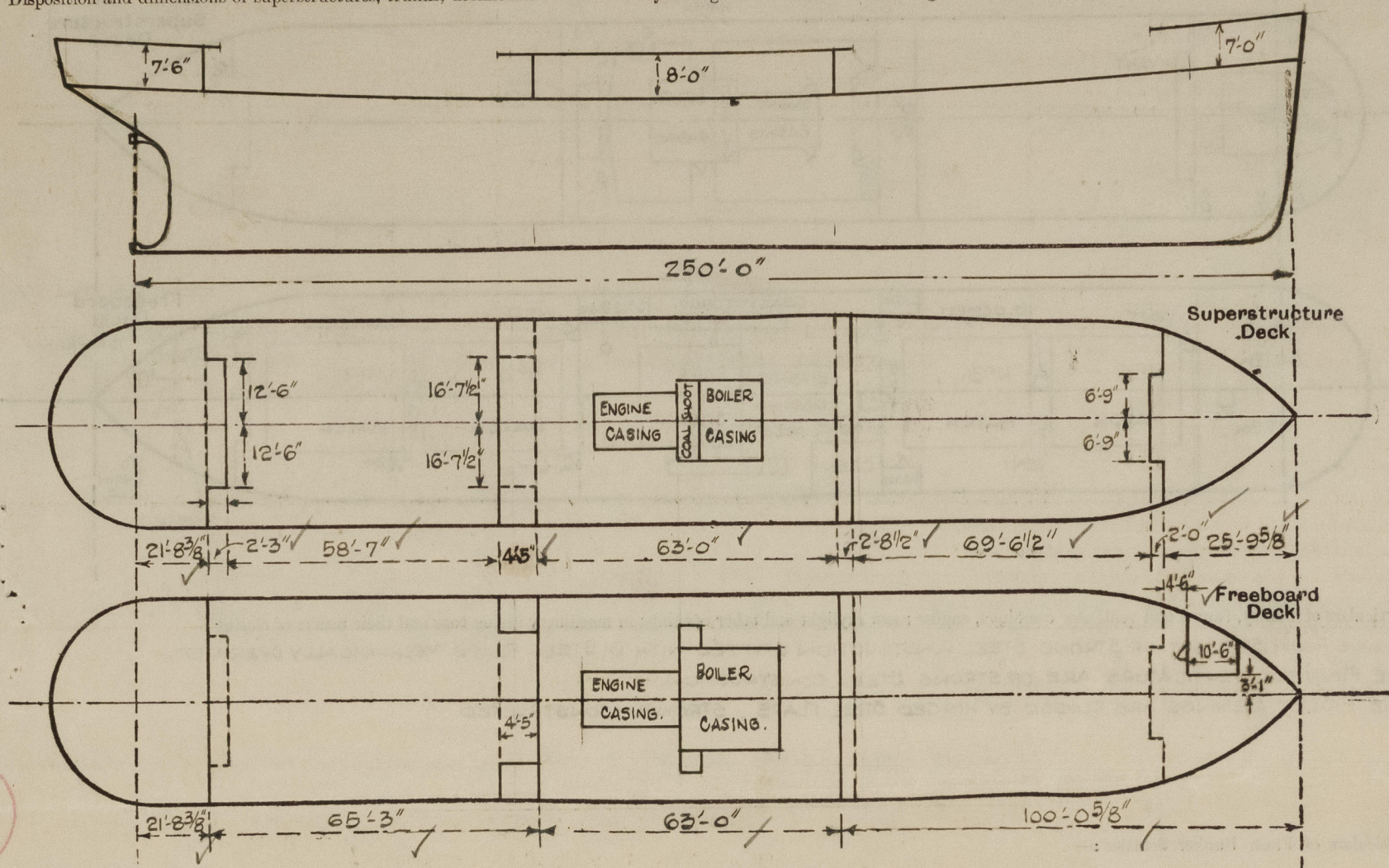
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name **S.S. FREEMAN HATCH** Port of Survey **NEWCASTLE-ON-TYNE**
 Official Number **168494** Surveyor's Signature *W.T. Burns*
 Nationality and Port of Registry **BRITISH - LONDON** Date of Survey **MARCH 1948**

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :-



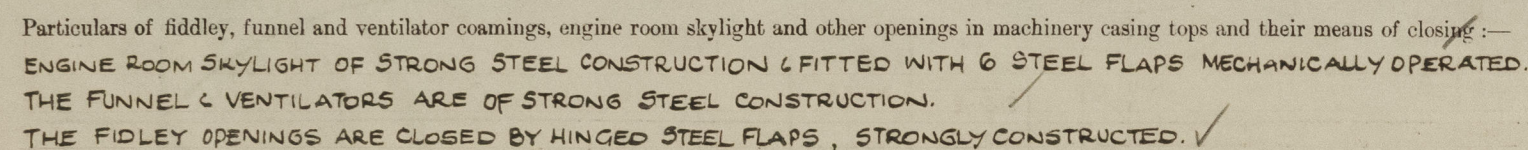
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead30" ✓	.30" ✓	4" x 4" x .52" } O.A. ✓ 4" x 3" x .25" } TOE WELDED	2'-0" & 2'-3" ✓	BKTS ON ALT. STIFFERS. ✓	NONE ✓	-	7'-6" ✓
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead25" ✓	.25" ✓	5" x 3 1/2" x .32" } O.A. ✓ 3" x 2" x .25" } TOE WELDED	2'-0" TO 3'-4" ✓	✓	2 @ 3'-0" x 4'-0" ✓ 1 @ 1'-8" x 4'-6" ✓	2'-0" ✓	8'-0" ✓
Bridge, Forward Bulkhead44" ✓	.36" ✓	6" x 4" x .34" } O.A. ✓ 5" x 3 1/2" x .30" } TOE WELDED	2'-1" ✓	✓	2 @ 2'-6" x 4'-6" ✓	2'-1" ✓	8'-0" ✓
Forecastle Bulkhead ...	OPEN FORECASTLE ✓							
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks50" ✓	.25" ✓	3" x 2" x .25" O.A. ✓ TOE WELDED	2'-3" SIDES ✓ 2'-6" ENDS. ✓	✓	1 - P & S @ 1'-9" x 5'-3" ✓	1'-3" ✓	7'-6" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances50" ✓	.32" ✓	3" x 2" x .25" O.A. ✓ TOE WELDED	2'-3" SIDES ✓ 2'-6" ENDS. ✓	✓	✓	✓	8'-0" ✓
Deckhouses on Flush Deck Ships ...	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead ...	NO OPENINGS
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	HINGED STEEL W.T. DOOR, HANDLES BOTH SIDES. PORTABLE STEEL PLATES & HOOK BOLTS.
Bridge, Forward Bulkhead ...	HINGED STEEL W.T. DOORS. HANDLES BOTH SIDES.
Forecastle Bulkhead ...	OPEN FORECASTLE.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	HINGED STEEL DOORS - HANDLES BOTH SIDES.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	NO OPENINGS.
Deckhouses on Flush Deck Ships ...	✓

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:—



NONE.

Particulars of Companionways:— DECKHOUSE ON POOP DECK OF STRONG STEEL CONSTRUCTION WITH HINGED WOOD DOOR PLS GIVING ACCESS TO STAIRWAY TO CREWS ACCOMMODATION. OPENINGS 5'-0" x 2'-0", SILLS 18". HANDLES BOTH SIDES. ✓
TUNNEL ESCAPE TRUNK IN AFTER CREWS ACCOM. OF STRONG STEEL CONSTRUCTION WITH HINGED STEEL DOOR. OPENING 5'-8" x 1'-11" ✓
SILL 9". HANDLES BOTH SIDES. ✓
TUNNEL ESCAPE TRUNK WITH HINGED STEEL W.T. DOOR. OPENING ON BRIDGE END BULKHEAD. OPENING 4'-6" x 1'-8", SILL 2'-0" HANDLES BOTH SIDES. ✓
2 WOOD DOORS IN AFT END OF DECKHOUSE ON BRIDGEDECK, LEADING TO ENGINE ROOM ENTRANCE. OPENINGS 5'-9" x 2'-0", SILLS 9". HANDLES ✓
BOTH SIDES. ✓ ENGINE ROOM ENTRANCE DOORS HINGED STEEL. 5'-8" x 1'-9", SILLS 9". HANDLES BOTH SIDES. ✓
HINGED STEEL DOOR PLS IN BOILER CASING ON BRIDGE DECK. OPENINGS 5'-3" x 1'-9", SILLS 15". HANDLES BOTH SIDES. ✓
DOOR AT AFT END BRIDGE DECKHOUSE S.S. TO CREWS ACCOM. ON UPPERDECK. WOOD DOOR 5'-0" x 2'-0", SILL 18". HANDLES BOTH SIDES. ✓

1-16" DIA COWL VENT FWD ON UPPER DK. COAMING 10'-0" x 3/8" SUPPORTED AT FOLE DK. UPPER DK
 1-16" " " " AFT ON " " " " " " " " POOP DK. POOP DK
 2-16" " " " " IN WELLS [FWO. IFT] " " " " 3'-0" x 3/8" BRIDGE DECK
 6-6" " G.N. VENTS [2PL45 ON BRIDGE DECK - COAMINGS 2'-9" x .30"]
 3-5" " " " [2PL15 " " " " " " " " 2'-8" x .30"]
 1-16" COWL VENT AFT ON BRIDGE DECK COAMING 3'-0" x 3/8"
 1-8" " " " " " " " " " 2'-7" x .32"
 6-6" " " " " " " " " " ON POOP DECK [3PL35] COAMINGS 2'-6" x .30"
 2-5" G.N. VENTS " " " " [AFTENO] " " " " 2'-5" x .30"
POOP DECK

ALL VENT COAMINGS FITTED WITH WOOD PLUGS AND CANVAS COVERS

FORECASTLE DECK:- 2 - 4" DIA. TO UPPER & LOWER F. PEAK TANKS - 2' 5" HIGH.

<u>FORNS WELL:-</u>	2 - 4" DIA TO FORE END OF NO. 1. D.B. TANK	2'-9" ✓
	2 - 4" " " AFT " " " "	2'-7" ✓
	2 - 4" " " FORE " " NO 2 " "	2'-8" ✓
<u>AFTER WELL:-</u>	2 - 4" " " AFT " " NO 4 " "	2'-8" ✓
<u>BRIDGE DECK:-</u>	2 - 4" " " AFT " " NO 2 " "	2'-7" ✓
	2 - 2 1/2" " " FORE " " NO 3 " "	2'-6" ✓
	2 - 2 1/2" " " AFT " " NO 3 " "	2'-4" ✓
	2 - 4" " " FORE " " NO 4 " "	2'-1" ✓
<u>POOP DECK:-</u>	1 - 4" " " AFT DECK TANK	2'-5" HIGH

ALL AIR PIPES FITTED
WITH WOOD PLUGS.

Freeman Hatch.

NONE.

2 1/2" DIA. SCUPPER PLS FROM WASHPLACES IN POOP. DISCHARGING THRO' SHELL BELOW UPPER DK - FITTED WITH STORM VALVES.
4" " SOIL MAIN PLS " CREWS W/C'S " " " " " " " " " " " "
1 1/2" " SCUPPER FROM WASHPLACE IN CREWS ACCOM. S.S. UPPER DK AMID SHIPS DISCHARGING OVERBOARD BELOW U.DK WITH STORM VALVES.
4" " SOIL MAIN PLS FROM OFFICERS LAVY'S ON BRIDGE DK. DISCHARGING THRO' SHELL BELOW UPPER DK WITH STORM VALVES.
4" " " " " S.S. " " " " " " " " " "

6-P65 IN SHELL IN WAY OF POOP ACCOM. 9" DIA - WITH HINGED METAL DEADLIGHTS.
4- 16" DIA. IN POOP FRONT BULKHEAD - WITH HINGED METAL DEADLIGHTS.
1- 16" " " BRIDGE END BULKHEAD " " " "

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

FORECASTLE DECK:- GUARDRAILS 3'6" HIGH - 2 RODS - STANCHIONS ABOUT 4'-9" APART.
POOP DECK:- GUARDRAILS 3'6" HIGH - 2 RODS - STANCHIONS ABOUT 4'6" APART.
IN WELLS:- BULWARKS OF STRONG STEEL CONSTRUCTION 3'6" HIGH - STAYS 4'6" APART.
BRIDGE DECK:- BULWARKS OF STRONG STEEL CONSTRUCTION 4'10" " - STAYS 6'-9" APART.

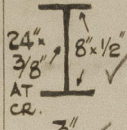
PROVISIONS MADE FOR FITTING LIFELINES IN WELLS.

State position of each freeing port { After Well:— AFTEND OF EACH PORT FROM POOP BHP:— 7'-0" / 24'-9" / 47'-0"
(F. and A. position and height above deck edge) { Forward Well:— AFTEND OF " " " BRIDGE FRONT BHP:— 7'-0" / 33'-9" / 60'-5"
PORTS 5 1/2" ABOVE DECK

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such: — OPEN SLOTS. ✓
7 SLOTS P&S IN FORWARD WELL & 5 P&S IN AFT WELL THRO' SHEER STRAKE, FLUSH WITH DECK. — SLOTS 5" x 3". ✓
Additional area where sheer is less than standard.

6-PLS - 5" x 3 1/2" SLOTS IN BRIDGE DK. BULWARK. FLUSH WITH DECK. ALSO 1-PLS ASH SHOOT OPENING 1'-8" x 1'-3" - 7" ABOVE DK. ✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway	No 1	No 2	No 3 & 4	TO FORE PEAK	TO CHAINLWR	TO FWD HOLD	TO AFT END OF FOREHOLD & TO AFT HOLD	2 OFF TWEEN DECK BUNKER	2 OFF TWEEN DECK BUNKER	BUNKER HATCH ON BRIDGE DECK	
Dimensions of Hatchway	31'-6" x 21'-0"	34'-3" x 21'-0"	27'-0" x 21'-0"	1'-11" x 1'-4"	3'-0" x 1'-6"	1'-11" x 1'-3"	2'-2" x 1'-11" x 1'-3"	22'-5" x 2'-5 1/2"	4'-4" x 3'-8"	3'-6" x 9'-0"	
COAMINGS	Height above Deck ... 3'-8" ✓ Thickness { Sides ... 4 1/2" ✓ Ends ... 4 1/2" ✓ Stiffeners ... 7 x 4 x 500A ✓ Brackets, Stays ... 4 BKTS EACH SIDE 4 1/2" ✓	Height above Deck ... 3'-8" FWD 4'-8" AFT ✓ Thickness { Sides ... 4 1/2" ✓ Ends ... 4 1/2" ✓ Stiffeners ... 7 x 4 x 500A ✓ Brackets, Stays ... 4 BKTS EACH SIDE 4 1/2" ✓	Height above Deck ... 3'-8" ✓ Thickness { Sides ... 4 1/2" ✓ Ends ... 4 1/2" ✓ Stiffeners ... 7 x 4 x 500A ✓ Brackets, Stays ... 4 BKTS EACH SIDE 4 1/2" ✓	NONE ✓	NONE ✓	NONE ✓	NONE ✓	NONE ✓	NONE ✓	NONE ✓	
HATCH BEAMS	Number ... 5 Spacing ... 5'-3" ✓ Scantling and Sketch ... 	Number ... 5 Spacing ... 5'-8 1/2" ✓ Scantling and Sketch ... AS NO 1 ✓	Number ... 4 Spacing ... 5'-4 3/4" ✓ Scantling and Sketch ... AS NO 1 ✓								
FORE AND AFTERS		Number ... act 4 = 175 Spacing ... Rule 4 = 32 Unsupported Lengths ... Scantling* and Sketch ...									
Bearing Surface	3" ✓	3" ✓	3" ✓								
HATCH COVERS	Material ... WOOD Thickness ... 2 5/8" ✓ How fitted ... F & A Bearing Surface ... 3" ✓	Material ... WOOD Thickness ... 2 5/8" ✓ How fitted ... F & A Bearing Surface ... 3" ✓	Material ... WOOD Thickness ... 2 5/8" ✓ How fitted ... F & A Bearing Surface ... 3" ✓	Material ... STEEL (W/T) Thickness ... 3/8" ✓ How fitted ... BOLTED Bearing Surface ... 3/8" ✓	Material ... STEEL (W/T) Thickness ... 3/8" ✓ How fitted ... HINGED FWD Bearing Surface ... 3/8" ✓	Material ... STEEL (W/T) Thickness ... 3/8" ✓ How fitted ... HINGED AFTW Bearing Surface ... 3/8" ✓	Material ... STEEL (W/T) Thickness ... 3/8" ✓ How fitted ... HINGED AFTW Bearing Surface ... 3/8" ✓	Material ... WOOD Thickness ... 2 5/8" ✓ How fitted ... F & A Bearing Surface ... 2 1/4" ✓	Material ... WOOD Thickness ... 2 5/8" ✓ How fitted ... F & A Bearing Surface ... 2 1/2" ✓	Material ... WOOD Thickness ... 2 5/8" ✓ How fitted ... F & A Bearing Surface ... 3" ✓	
Spacing of Cleats	24"	24"	24"	BOLTS W/T PITCH	6-TOGGLES	4-TOGGLES	4-TOGGLES	18" & 29"	26"	24" & 15"	
Number of Tarpaulins	2	2	2	NONE	NONE	NONE	NONE	2	2	2	

*Are wood fore and afters steel shod at all bearing surfaces? NO FORE & AFTERS.
 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? LOCKING BARS PROVIDED.

Particulars of any special features:—

OTHER HATCHES.

HOLD ACCESS HATCH AT AFT END OF BRIDGE TWEEN DECK :- 15" x 23", COAMING 9 1/2" x 3/8" - HINGED STEEL W.T. COVER.

HATCH TO COLD ROOM ON P.S. OF BRIDGE DECK :- 1'-10" x 2'-0" COAMING 10 3/4" x 3/8" - HINGED STEEL W.T. COVER.

BUNKER HATCH ON CASING TOP:- 4'-7" x 14'-0" COAMING 18" x 3/8", WOOD COVERS F & A - 2 5/8" THICK - 2 1/2" BEARING, CLEATS SPACED 24" - 2 TARPAILINS.

FITTINGS FOR TIMBER DECK CARGOES.

EYEPLATES FITTED ON INSIDE OF SHEER STRAKE WITH KNUCKLE OF PLATE 6" ABOVE DECK - PLATES 11" x 13" x 1" WELDED - SLOT FOR SHACKLE 3" x 2" SPACED ABOUT 7'-6" APART. CLIPS ON RAIL OF 2 1/2" x 1/2" FLAT BAR FORMED TO FIT 8" x 8" UPRIGHT - DECK SOCKETS 6 1/2" x 8" OF 3" x 1/2" FLATS WELDED. 2 CLIPS IN FORWARD WELL SPACED 7'-0" TO 8'-2", 7 IN AFTER WELL SPACED 7'-6".

BULWARKS IN WELLS AND ON BRIDGE EFFICIENT.

STEERING GEAR TELEMOTOR CONTROLLED FROM BRIDGE & EMERGENCY GEAR CAN BE RIGGED TO POOP WINCHES.

ALL P.B. TANKS HAVE W.T. CENTRE DIVISIONS.

Timber fastenings in accordance with Regulations.

Endorsement at first survey and at surveys for renewal of Certificate:—

2-16 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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