

Lloyd's Register of Shipping.

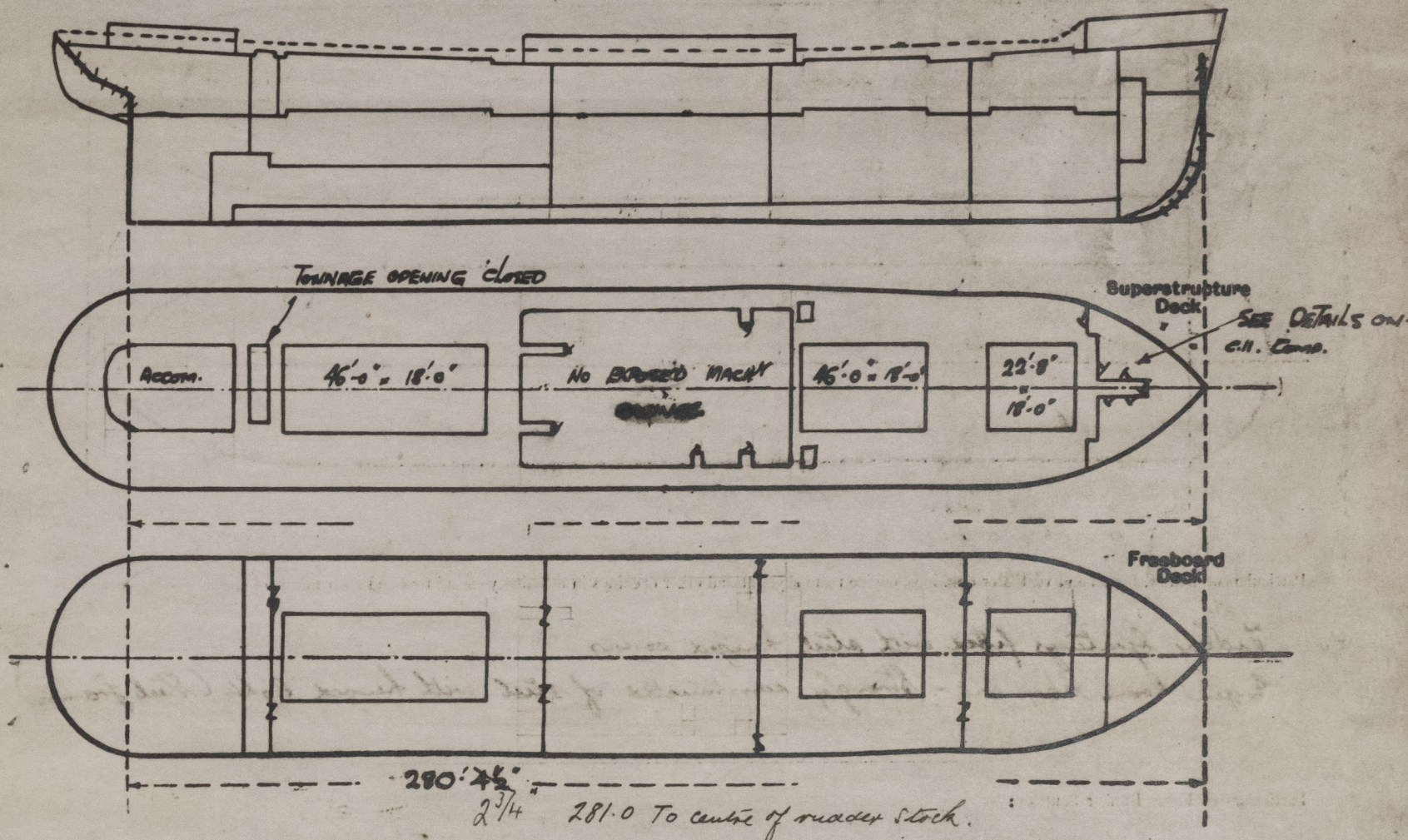
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only).

Ship's Name EMPIRE GAFFER (EX BETZDORF) Port of Survey NEWCASTLE-ON-TYNE
 Official Number 180643 (ex German) Surveyor's Signature G. Young
 Nationality and Port of Registry LONDON Date of Survey AUGUST, 1945

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.

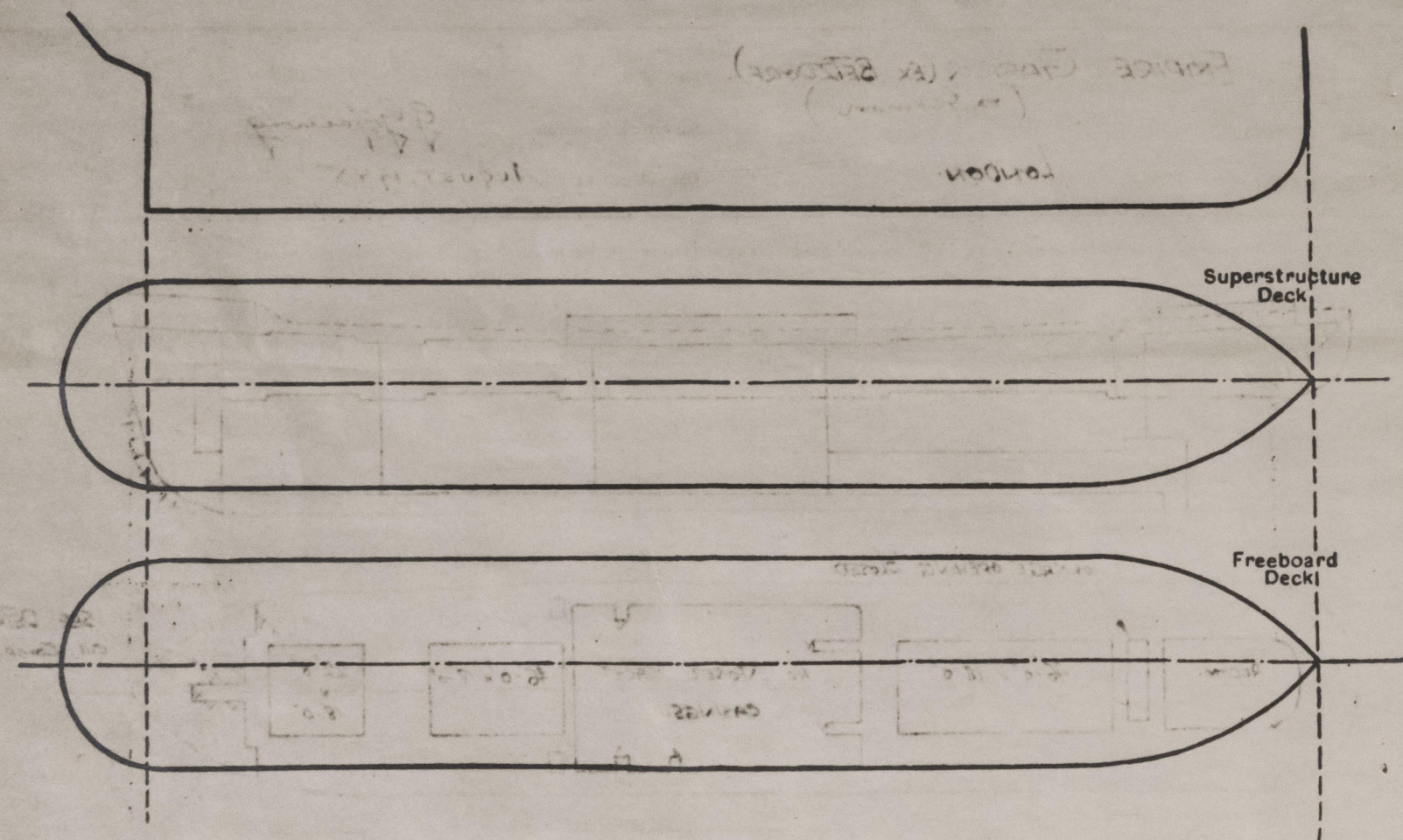
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead								
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead on SWATH DECK	-	32"	4 1/2 - 3 1/2 - 35 Bz.	24"	Reinforced to Deck Angle	8' 11" - 30" C. 11. 24" C. 11. 24"	8' 15"	7' 6"
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								

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

Poop Bulkhead	
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	3 Steel Door Hinges + 2 wood door in Passage. All operated from both sides.
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	

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 :—

Tidley Quaterns fitted with steel hinged covers.
engine room skylight - Strongly constructed of steel with hinged lights (steel frames).

Particulars of Flush Bunker Scuttles:—

home.

Particulars of Companionways:—

1. Port to Accommodate at aft end of hulkship Arch House with steel lugged doors 5' 1" x 27" door 20" heavy
 1 Port & Stand in aft Arch House. D: operates from both sides D:

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

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

Position	Size	Material	Dimensions	Remarks
Forecastle Deck	1P & 1S.	Cowsl.	7' 3" x 18' 6" Ld.	To Forecastle.
	1P & 1S.	Cowsl.	7' 0" x 35' 7/8" Corrugated	To Forecastle.
Superstructure Deck	1P & 1S.	Patent Tin	21' Dia. x 10' 5" 7/8" Corrugated	To Hold, STATED To REL. DE.
	1P & 1S.	Super Neck	7' 3" x 18' 7/8" Ld.	To TWEEN DECK.
	1P & 1S.	Cowsl.	18' Dia. x 35' 7/8" Corrugated	To HOLD & TWEEN DECK.
	1P & 1S.	Cowsl.	28' Dia. x 15' 5" 7/8" Corrugated	To HOLD & TWEEN DECK. STATED To MOUNT TACKLE.
	3P & 2S.	Super Neck	7' 3" x 18' 7/8" Ld.	To TWEEN DECK.
	1P & 1S.	Super Neck	7' 3" x 18' 7/8" Ld.	To TWEEN DECK.
	1P & 1S.	Cowsl.	24' Dia. x 35' 7/8" Corrugated	To HOLD & TWEEN DECK.

ALL SUPER NECKS FITTED WITH 1/2" HUNGUL FLAP.
COWSL. VENTS FITTED WITH SCOTCHMAN SEAL COVER.

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

FORECASTLE DE	1 @ 4" dia ~ 25" h Lp.	FORE PEAK.
Support DE Fore	2000. 4" dia ~ 25" h Lp.	FOCA D.B. THINGS.
"	4000. 4" dia ~ 25" " "	To D.B. THINGS.
"	20025. 3" dia ~ 25" " "	To Fore THINGS.
"	10025. 3" dia ~ 25" " "	To D.B. THINGS.
"	10025. 4" dia ~ 25" " "	To RET PEAK.

} all fitted with wood plugs ✓

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppern. Tween Decks led to helges. ✓
 Shelter sk 98. 95. cut through sheetrails above deck. ✓
 Sanitary Discharges led overboard above upper Deck & fitted with N.P.V. at shell. ✓

Particulars of Side Scuttles :—

In shelter two on sks. strongly constructed and fitted with
hinged steel deadlights ✓

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

23. 8.


Particulars of Guard Rails :—

Bulwarks fore & aft on Shelter Deck. ✓

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	} <i>Full</i>	<i>3'-5" to 3'-8"</i>	<i>21 1/2" x 9"</i>	<i>41.</i>	<i>55.2.</i>	<i>35.6 sq. ft.</i>
Forward Well,						
<p>State position of each freeing port (After Well :—</p> <p>(F. and A. position and height above deck edge) (Forward Well :—</p> <p>State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :—</p> <p>Additional area where sheer is less than standard.</p>						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
SHELTER DECK.									
Description of Hatchway	N ^o . 1.	N ^o . 2.	N ^o . 3.	On Tonnage opening (round HATCH COVER)	SHELTER DECK. to BUNKERS.	FORECASTLE DECK.			
Dimensions of Hatchway	22'8" x 18'6"	16'0" x 18'6"	16'0" x 18'6"	2'9" x 2'8"	3'4" x 2'4"	2'0" x 2'0"			
COAMINGS									
Height above Deck	3'4"	3'4"	3'4"	9"	3'3"	18"			
Thickness	.44	.44	.44	9.3.40	.40	3/16			
Stiffeners	7.3.35	7.3.35	7.3.35	-	-	-			
Brackets, Stays	2.	6.	6.	-	-	-			
HATCH BEAMS									
Number	5.	11.	11.						
Spacing	3'-9"	2'-10"	3'-10"						
Scantling and Sketch	 Top and bottom plates 9" x 40" Web 13" x .35								
Bearing Surface	3 1/2	3 1/2	3 1/2						
FORE AND AFTERS									
Number									
Spacing									
Unsupported Lengths									
Scantling and Sketch									
Bearing Surface									
HATCH COVERS									
Material	Pine			STEEL	STEEL	STEEL			
Thickness	2 1/2"			1/4"	1/4"	1/4"			
How fitted	F&A	D.	D.	COVER	COVER	COVER			
Bearing Surface	3'								
Spacing of Cleats	20"	20"	20"	EYE BOLTS & TOGGLES	EYE BOLTS & TOGGLES	EYE BOLTS & TOGGLES			
Number of Tarpaulins	2	2	2						
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/> Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/> (hooking bars).									

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.



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Foundation