

## Lloyd's Register of Shipping.

Index No.

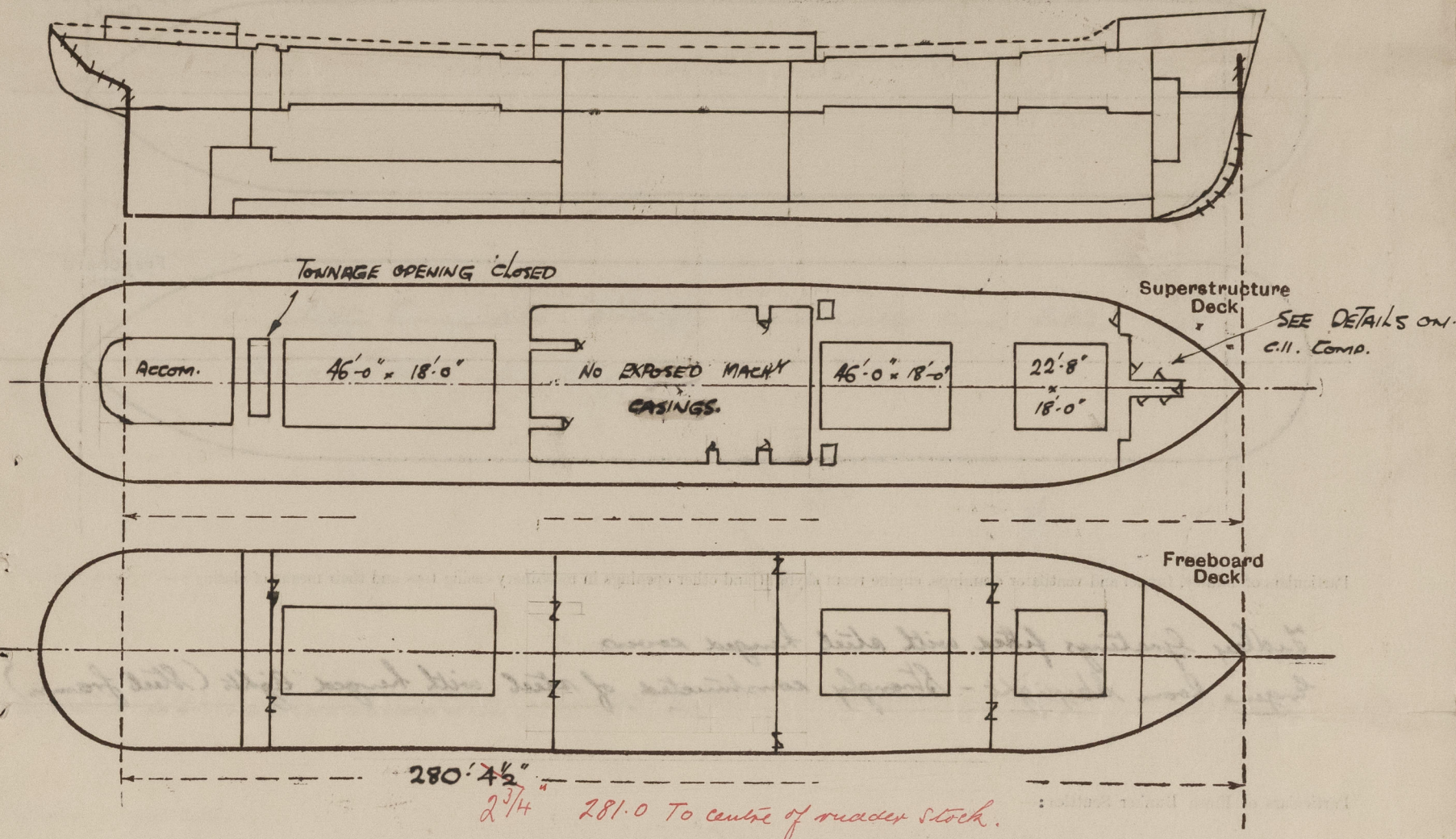
(For London Office only).

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

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 <u>ON SHELTER DK.</u>	-	32"	4 1/2 - 3 1/2 - 35 Ba.	24"	Riveted to Deck Angles	B. 5'-2" x 28" C. 5'-2" x 24" C. 3' x 5'-2" x 24"	18" 15" 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								

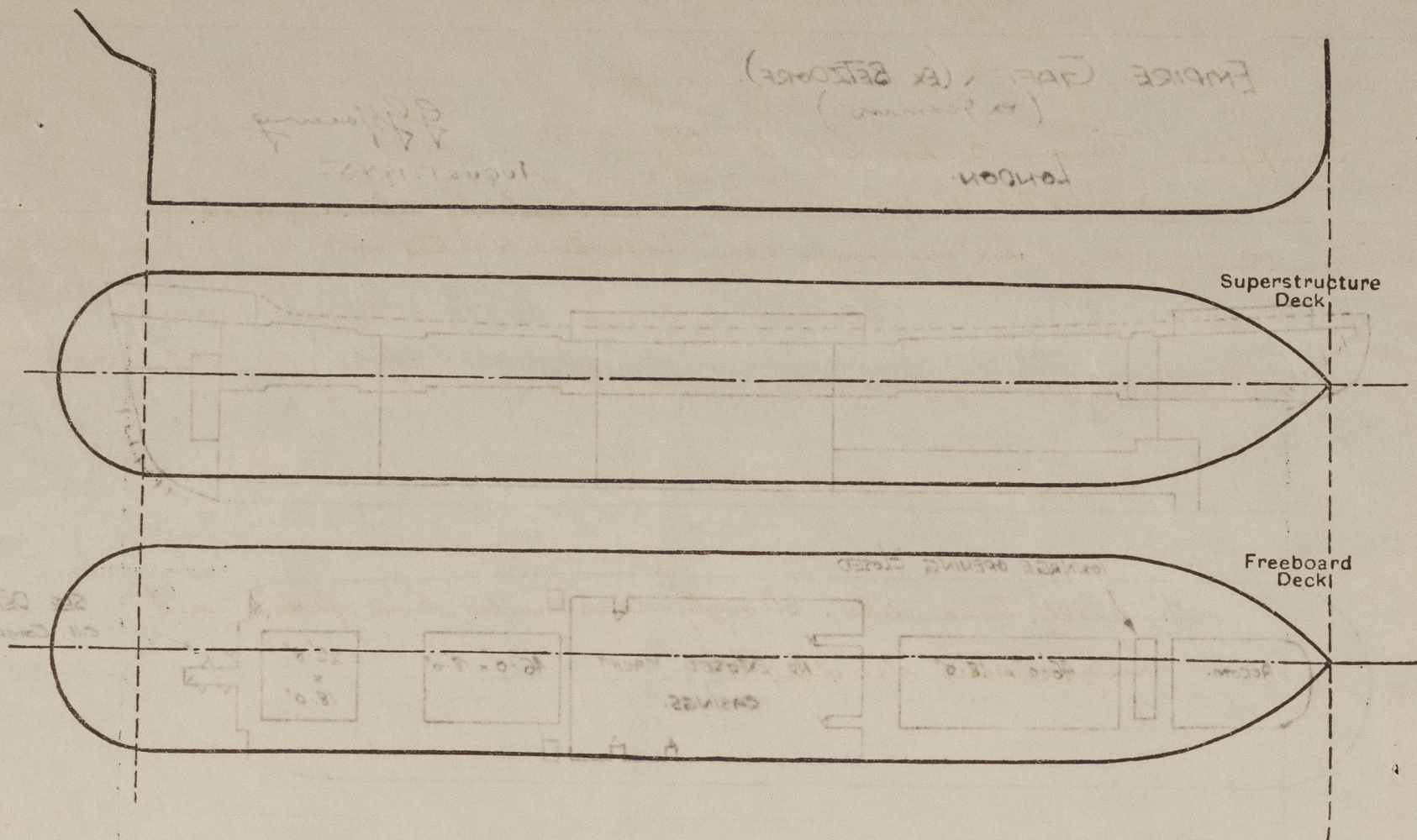
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	3 Steel Doors Hinged + 3 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Fiddle Gratings fitted with steel hinged covers  
Engine Room Skylight - Strongly constructed of steel with hinged lights (steel frames)

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

1. Port to Accommodation at aft end of midship Deck House with steel hinged door 5'1" x 27" down 2nd beam  
1 Port & Stand in aft Deck House.

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

**FORECASTLE DECK** 3P & 3S. SWAN NECK 7'3" x 18" to L.P. To FORECASTLE  
1P & 1S. Cowl. 7" DIA x 36" x 3/8" COAMING To FORECASTLE  
**SHELTER DECK FORE** 1P & 1S. PATENT TOP 21" DIA x 10'5" x 3/8" COAMING To HOLD STAYED TO RLE DECK  
1P & 1S. SWAN NECK 7'3" x 18" to L.P. To TWEEN DECK  
1P & 1S. Cowl. 18" DIA x 36" x 3/8" COAMING To HOLD & TWEEN DECK  
1P & 1S. Cowl. 24" DIA x 15'0" x 3/8" COAMING To HOLD & TWEEN DECK STAYED TO MAIN TACKLE  
" MIDSHIP 3P & 2S. SWAN NECKS 7'3" x 18" to L.P. To TWEEN DECK  
" AFT 1P & 1S. SWAN NECK 7'3" x 18" to L.P. To TWEEN DECK  
1P & 1S. Cowl. 24" DIA x 36" x 3/8" COAMING To HOLD & TWEEN DECK  
ALL SWAN NECKS FITTED WITH W/T. Hinged flap  
COWL VENTS FITTED WITH SCREENED STEEL COVERS.

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

**FORECASTLE DECK** 1 @ 4" dia x 26" to L.P. Fore PEAK.  
**SHELTER DECK FORE** 2 P.S. 4" dia x 26" to L.P. Fore DB. TANKS.  
" MIDSHIP 4 P.S. 4" dia x 26" " " To DB. TANKS.  
" " 20 & 25. 3" dia x 26" " " To DB. TANKS.  
" AFT 1P & 1S. 3" dia x 26" " " To DB. TANKS.  
" " 1P & 1S. 4" dia x 26" " " To AFT PEAK.  
all fitted with wood plugs

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scupper - Tween Decks led to bilges.  
Shelter Dk 9P. 9S. cut through sheestake above deck.  
Sanitary Discharges led overboard above upper Deck & fitted with N.R.V. at shell.

Particulars of Side Scuttles:—

In shelter Tween Dks. strongly constructed and fitted with hinged steel deadlights

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

23.5.

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 ...	Full.	3'6" to 3'8"	21 1/2" x 9"	41.	55.2.	35.6 ft.
Forward Well ...						

State position of each freeing port ... After Well:—  
(F. and A. position and height above deck edge) Forward Well:— } approximately equally spaced.

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.									
SHELTER DECK.									
Description of Hatchway	...	...	Nº.1.	Nº.2.	Nº.3.	ON TONNAGE OPENING (NOW PLATED OVER)	SHELTER DECK. TO BUNKERS	FORECASTLE DECK.	
Dimensions of Hatchway	...	...	22'8" x 18'0"	46'0" x 18'0"	46'0" x 18'0"	2'9" x 2'8"	3'4" x 2'4"	2'0" x 2'0"	
COAMINGS	{	Height above Deck	...	34"	34"	34"	9"	33"	18"
		Thickness	...	.44	.44	.44	9 x 3 .40	.40	5/16
		Sides	...	.44	.44	.44	-	-	5/16
		Ends	...	.44	.44	.44	-	-	-
Stiffeners	...	7 x 3 1/2 x 35 Ba	7 x 3 1/2 x 35 Ba	7 x 3 1/2 x 35 Ba	-	-	-	-	
Brackets, Stays	...	2.	6.	6.	-	-	-	-	
HATCH BEAMS	{	Number	...	5.	11.	11.			
		Spacing	...	3'-9"	3'-10"	3'-10"			
		Scantling and Sketch	...	Top and bottom plates 9 1/4 x .40. Web. 13" x .35.					
FORE AND AFTERS	{	Bearing Surface	...	3 1/2	3 1/2	3 1/2			
		Number	...						
		Spacing	...						
HATCH COVERS	{	Unsupported Lengths	...						
		Scantling* and Sketch	...						
		Bearing Surface	...						
HATCH COVERS	{	Material	...	Pine			STEEL.	STEEL.	STEEL.
		Thickness	...	2 1/2"			W/T.	W/T.	W/T.
		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"/> (locking 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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Lloyd's Register  
Foundation