

Received at London Office. 23 DEC 1957

State if Report has been sent on the Freeboard of the Vessel. NO

State if Report is sent on the Machinery of the Vessel YES

Date of completion of report 1/10/54 Port of BREMEN No. 3115

Survey held at BREMERHAVEN Date First Survey 5-12-1956 Last Survey 14-11 1957

On the (State if Machinery fitted Aft and if Single, Twin or Triplet Screw) SINGLE SCREW MOTOR TUG "CWLEX"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections NONE

TONNAGE under } 98 /  
Tonnage Deck ... }

Do. of space or spaces }  
 innage Dk. }  
 r Dk. }

CLASS \* A1 State if with freeboard }  
FORTONING SERVICES ON RIVER THAMES as condition of Class } No

Length from fore part of stem to after part of stern } L 24.300 m  
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) B 6.554 m.

Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c) ..... } D 3.280 m

1st Longitudinal Number (L x D).....=

2nd Numeral  $L \times (B + D)$  ..... = .....

Framing Depth "d," at middle of length. See }  
Sec. 3 (1d)..... }

Proportions—Depth to Length—Uppermost continuous deck to top of keel .....

Do. Long Bridge to }  
top of keel }

Draught Moulded ..... 2.618 m

Built at BREMERHAVEN

Launched 7-2-57 Yard No. 1674

Builders F. SCHICHAN A.C.

Owners Messrs CASELEE & SON LTD

*Managers* \_\_\_\_\_  
(Where necessary to be entered in Reg. Book)

Residence LONDON

Port of Registry LONDON

*If surveyed while building, afloat, or in dry dock*

## WHILST BUILDING, AFLOAT & DRY DOCK

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
Spacing amidships.....	508 ✓	
" from $\frac{1}{2}$ length amidships to Collision bulkhead.....	457 ✓	
" in peaks .....	457 ✓	
<b>FRAMING.</b>		
Amidships, Angle, <b>E or F</b> .....	150 x 75 x 9 ✓	
" Extends up to.....	MAIN DECK ✓	
Frame Amidships, Angle .....	-	
" Extends up to .....	-	
of Framing Girder.....	150 x 75 x 9 ✓	
in Uppermost Continuous 'tween Decks, Angle, <b>C or D</b> .....	-	
" Second 'tween Decks, Angle, <b>C or D</b> .....	-	
" Third " " " " .....	-	
from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	150 x 75 x 9 ✓	
in Peaks, Angle or <b>C</b> .....	150 x 75 x 9 ✓	
ter and Spacing of Rivets through Frame and Shell Plating amidships .....	150 x 75 x 9 ✓	
f Frame Joggled.....	No ✓	
ie scantlings and arrangements in the ting Area in accordance with the Rules (or as approved ? .....	As APPROVED ✓	
e scantlings and arrangements in way he Bottom Forward in accordance with Rules and/or as approved ?.....	As APPROVED ✓	
<b>BOTTOM.</b>		
Depth and thickness at mid-line in Holds.....	440 x 75 x 9 ✓	
Height of Brackets at side above base line at toe of frame.....	65 x 65 x 7.5 ✓	
Line Keelson, on Floors, Angles, <b>C or D</b> .....	440 ✓	
" " Through Plate or Inter-costal Plate .....	610 Engine Sealing ✓	
" " Foundation Plate on Floors .....	160 x 19 in E.R. 2 @ 150 x 75 x 7.5 ✓	
" " Flat Plate Keel Angles .....	-	
Side Keelsons, No. each side.....	-	
" " thickness of Intercoastal Plate.....	-	
" " Angles .....	-	
<b>DOUBLE BOTTOM.</b>		
Solid Floors, thickness and spacing .....	-	
" " Are Frame and Reversed Frame joggled ? .....	-	
Bracket Floors, breadth and thickness at middle line .....	-	
" " breadth and thickness at margin plate.....	-	
<b>Bracket Floors, Frame .....</b>		
" " Reversed Frame.....	-	
" " Vertical Struts .....	-	
Centre Girder, depth and thickness amidships .....	-	
" " top Angles .....	-	
" " bottom Angles.....	-	
Side Girders, No. each side and thickness.....	-	
Margin Plate depth (excl. of flange) and thickness .....	-	
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem .....	-	
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area .....	-	
" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	-	
" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area .....	-	
Tank Side Brackets, height above base line at toe of Frame and thickness .....	-	
<b>INNER BOTTOM PLATING.</b>		
Breadth and thickness of Middle Line Strake...	-	
Thickness of remainder in Holds .....	-	
Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room ?.....	-	
<b>BEAMS.</b>		
Uppermost Continuous Deck, amidships in Wells, Angle, <b>E or F</b> .....	150 x 75 x 9 ✓	
" " in way of Bridge, Angle, <b>C or D</b> .....	-	
Spacing .....	508 & 457 ✓	
Second Deck, amidships, Angle, <b>C or D</b> .....	-	
Spacing .....	-	
Third Deck, amidships, Angle, <b>C or D</b> .....	-	
Spacing.....	-	
Fourth Deck, amidships, Angle, <b>C or D</b> .....	-	
Spacing.....	-	
Poop Deck, Angle, <b>C or D</b> .....	-	
Spacing.....	-	
Bridge Deck, Angle, <b>C or D</b> .....	-	
Spacing.....	-	
Forecastle Deck, Angle, <b>C or D</b> .....	-	
Spacing.....	-	



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any De Approval be
<b>PILLARS, No. of Rows .....</b>					
" in 'tween Decks, Size and Spacing .....					
" " " " "					
" in Holds " " "					
" " " " "					
<b>Centre Line Bulkhead.</b>					
Stiffeners and Spacing .....					
Plating, thickness of .....					
<b>STRINGERS AND DECKS.</b>					
<b>Uppermost Continuous Deck.</b>					
Stringer Plate, breadth and thickness in Wells	10 7/8 ✓				
" " " " in way of Bridge	10 7/8 ✓				
" Angle in Wells .....	100 x 100 x 12 ✓				
Thickness of Plating abreast Deck openings } in way of Wells .....	10 29 ✓				
Thickness of Plating abreast Deck openings } in way of Bridge.....	10 29 ✓				
Thickness of Plating within line of openings...	10 29 ✓				
If Sheathed, material and thickness.....	-				
<b>Second Deck.</b>					
Stringer Plate, breadth and thickness in Wells	-				
Stringer Plate, breadth and thickness in way } of Bridge .....					
Thickness of Plating abreast Deck openings } in way of Wells .....					
Thickness of Plating abreast Deck openings } in way of Bridge.....					
Thickness of Plating within line of openings...					
If Sheathed, material and thickness.....					
<b>Third Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness .....					
<b>Fourth Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness ...					
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness ...					
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness...					

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).....4 ✓

„ Deck next below.....-

As per Rule.....

## FORGINGS AND CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.
KEEL, Bar .....	150X 32 <del>7</del> with 60		
STEM .....	150X 32 <del>7</del> with 60		
STERN FRAME {	} Forging 150x65 HEUSS		
{ Propeller Post .....			
{ Rudder .....			
Speed of Vessel .....	11 Knts		
RUDDER—Type .....	SINGLE PLATE ✓		
" A × D.....			
" Diam. of head .....	130 ✓		
" Mainpiece at top pintle .....	130 ✓		
" " heel .....	95 ✓		
" how constructed .....			
" double or single plate coupling, vertical or horizontal.....	SINGLE ✓		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEART

HÜTTEN UNION, WERKE SALZGITTER, HÖRDE & ILBERG-PEINE

Has the Steel been tested as required by the Rules? YES







GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and the Plans should be embodied.)

APPROVED PLANS

MIDSHIP SECTION  
PROFILE & DECKS  
SHELL EXPANSION  
GENERAL ARRANGEMENT  
STEEL DECK  
ENGINE FOUNDATION  
BULKHEADS  
STERN PLATING  
FRAMES, WEB, FLOORS & STRINGERS  
STERN FRAME (2)  
RUDDER

AS BUILT PLANS

MIDSHIP SECTION  
PROFILE & DECKS  
SHELL EXPANSION  
GENERAL ARRANGEMENT

not received

PARTICULARS OF ELECTRIC WELDING (if employed)

DECK HOUSE ONLY; ELECTRIC WELDED

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

FOR TOWING SERVICES ON RIVER THAMES; L.A.C.P.;  
OIL ENGINE; BAR KEEL

RADAR Equipment (State if fitted)

State Type or Pattern No.

State Name of Maker and/or Supplier

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower HEAD: 135 kg; G.N.; N<sup>o</sup> 5447; 6-8-56. SHANK: 7 kg; G.N.; N<sup>o</sup> 5448; 6-8-56.  
2nd „  
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 6.68 m. Over-all Length 26.1 (Circ. 1703)

No. and Material of Decks ONE STEEL DECK

Parts of Bottom of Vessel coated with cement or approved composition

SINGLE BOTTOM COATED

Particulars of composition (if fitted) and of approval

BITUMASTIC

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.
Double bottom, aft,			Fore peak tank,	2.285
Double bottom, under Engines and Boilers,			After peak tank,	2.032
Double bottom, if under Engines only,			Deep tank, aft,	
Double bottom, if under Boilers only,			Deep tank, forward,	
Double bottom, forward,			Other tanks, if fitted,	
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)	

Order for Special Survey No. 41

Date 19.8.55

Dates of Surveys held while building

1956: Dec. 5<sup>th</sup>  
1957: JAN. 2<sup>nd</sup>; FEB 15, 25; APRIL 24; MAY 16; JUNE 5, 20  
JULY 5, 8, 31, AUG 16; SEPT 4 & 7 (LAUNCH)  
OCT 7.9 NOV 14, 20

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