

Report on lengthening operations only.
STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel Yes.
State if Report is sent on the Machinery of the Vessel No.

Date of completion of report
Survey held at Goole
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Port of Hull
Date First Survey 12th May, 1938 Last Survey 20th June, 1938
Steel Screw Motor Vessel "ABILITY" Wichy aft.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)
Re-measured.
TONNAGE under Tonnage Deck...

State Type of Erections R.Q. deck + f.c.
Built at St. Mary's

Do. of space or spaces between Tonnage Dk. and Upper Dk.

CLASS + 100 A-1. State if with freeboard as condition of Class No.
Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) L 136' 1"
Breadth (greatest moulded) B 23' 0"
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 9' 6"
1st Longitudinal Number (L x D).....=
2nd Numeral L x (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

Launched ✓ Yard No.
Builders Yellows & Co. Ltd.
Owners W. V. Howard & Sons Ltd.
Managers ✓
(Where necessary to be entered in Reg. Book.)

Total
Gross Tonnage
Register Tonnage

Residence ✓
Port of Registry London
If surveyed while building, afloat, or in dry dock In dry dock.

REGISTERED DIMENSIONS.
FEET.
Length
Breadth
Depth

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<u>23"</u>		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	<u>✓</u>		" " Reversed Frame		
" " in peaks.....	<u>✓</u>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E</u> or <u>C</u>	<u>5 3 38</u>		" " top Angles		
" " Extends up to	<u>upper deck</u>		" " bottom Angles		
Reversed Frame Amidships, Angle.....	<u>3 2 1/2 36</u>		Side Girders, No. each side and thickness		
" " Extends up to	<u>across floors</u>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	<u>5</u>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>C</u> or <u>F</u>			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, <u>C</u> or <u>F</u>			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Third " " " "			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem.....			Tank Side Brackets, height above base line at toe of Frame and thickness }		
" " in Peaks, Angle or <u>C</u>			INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			Breadth and thickness of Middle Line Strake ...		
State if Frame Joggled	<u>No.</u>		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E</u> or <u>F</u>	<u>5 3 38</u>	
Floors, Depth and thickness at mid-line in Holds	<u>12 x 38</u>		" " <u>Along beams</u> in way of Bridge, Angle, <u>E</u> or <u>F</u>	<u>8 3 1/2 46</u>	
Height of Brackets at side above base line at toe of frame	<u>None</u>		Spacing	<u>every</u>	
Middle Line Keelson, on Floors, Angles, <u>E</u> or <u>F</u>	<u>3 1/2 3 36</u>		Second Deck, amidships, Angle, <u>C</u> or <u>F</u>		
" " " Through Plate or Intercoastal Plate... ..	<u>30</u>		Spacing.....		
" " " Foundation Plate on Floors	<u>✓</u>		Third Deck, amidships, Angle, <u>C</u> or <u>F</u>		
" " " Flat Plate Keel Angles	<u>3 1/2 3 36 Dbl.</u>		Spacing.....		
Side Keelsons, No. each side	<u>One</u>		Fourth Deck, amidships, Angle, <u>C</u> or <u>F</u>		
" " thickness of Intercoastal Plate... ..	<u>30</u>		Spacing.....		
" " Angles	<u>3 1/2 3 36 Dbl.</u>		Poop Deck, Angle, <u>C</u> or <u>F</u>		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing			Bridge Deck, Angle, <u>C</u> or <u>F</u>		
" " Are Frame and Reversed Frame joggled?			Spacing.....		
Bracket Floors, breadth and thickness at middle line.....			Forecastle Deck, Angle, <u>E</u> or <u>F</u>		
" " breadth and thickness at margin plate.....			Spacing		

PILLARS AND DECKS.											
		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....											
" in 'tween Decks, Size and Spacing.....											
" " " " "											
" in Holds " "											
" " " " "											
Centre Line Bulkhead.											
Stiffeners and Spacing.....											
Plating, thickness of											
STRINGERS AND DECKS.											
Uppermost Continuous Deck.											
Stringer Plate, breadth and thickness in Wells				51		38					
" " " " in way of Bridge				✓							
" Angle in Well				3		3		36			
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											
Second Deck.											
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											
Third Deck.											
Stringer Plate, breadth and thickness.....											
If Plated, state thickness.....											
Fourth Deck.											
Stringer Plate, breadth and thickness.....											
If Plated, state thickness											
Poop Deck.											
Stringer Plate, breadth and thickness											
Plating, Sheathing, material and thickness ...											
Bridge Deck.											
Stringer Plate, breadth and thickness.....											
Plating, Sheathing, material and thickness ...											
Forecastle Deck.											
Stringer Plate, breadth and thickness.....											
Plating, Sheathing, material and thickness ...											

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.						SINGLE OR DOUBLE.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	48	50				Double	3/4	Thru ca. 1/2 in	Double	3/4	2 5/8	Strapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes 2	48 1/2	50				Single	"	"	Double	"	"	Lapped
BILGE PLATING, No. of Strakes	54	50				Single	"	"	"	"	"	"
SIDE PLATING, No. of Strakes		✓										
UPPER DECK, Sheer-strake in Well	49	50				Double	"	"	Double.	"	"	Strapped
UPPER DECK, Sheer-strake in Bridge ...	✓	✓										
STRAKE BELOW Sheer-strake in Well	48	50				Single & Double	3/4	"	Double	3/4	2 5/8	Lapped
STRAKE BELOW Sheer-strake in Bridge ...												
POOF SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING												

One shell plate added to each strake amidships

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

Extending to Upper Deck (Sec. 3 c)

„ Deck next below

As per Rule

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
80-21				

				STIFFENERS.					
				Plating Thickness.		VERTICAL.		HORIZONTAL.	
						Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks									
"	"	Second	"						
"	"	Third	"						
"	"	Holds							
COLLISION " (in Hold)									
AFTER PEAK " "									

[illegible]

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
 PLATES:- *Appleby, Goodrich & Co. Ltd.*
 SECTIONS:- *London Reg. Lloyd.*
 Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No.									LETTER				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 55. Cwts.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.					
	1st Bower ...															
	2nd „ ...															
	3rd „ ...															
	Collective weight.															
	Stream															

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 33.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 33.	
	Length.	Diam.	Status.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Chr.		Length.	Chr.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
												TOWLINE...					
												HAWSERS & WARPS					
												"					
												"					
Iron Steam Chain or Steel Wire		Chr.							Chr.			"					

... ..

Alternative Means of Steering

Windlass

Boats

Cargo Battens, thickness, material and spacing

..... Thickness of Hatches 2 1/2"

✓ **No. 4** ✓ **No. 5** ✓ **No. 6** ✓

Builder's Signature _____

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

The alteration has been carried out in accordance with the approved plan & instructions and in conformity with the Rules for the class contemplated.

The materials & workmanship are good.

The freeboard survey has been partly held and a report on form C-11 + C-11 (comp) is enclosed herewith.

The additional 30 fathoms of $1\frac{3}{16}$ " stud chain cable as required for the increased length (the equipment number being increased one grade) has not yet been supplied.

Shell, deck, & hatchways in way of attraction have been hoisted & found in order.

Fees applied for,

(Special notations, where part of class, to be stated.)

22 JUN 1938

Received by me,

19/c 28

ette.

..... Date of issue

1873

Dec 21 1898

the Surrender are requested not to write on or

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 a List of the Plans should be embodied.)

Approved plan of Profile & deck is enclosed herewith.

It is stated that the vessel is to be towed to Greenhithe (London) for the fitting of main engine &c. and completion of keel and survey.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

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

1st Bower
2nd "
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle ft.
(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 (Circ. 1611) Over-all Length (Circ. 1703)
No. and Material of Decks
Parts of Bottom of Vessel coated with cement or approved composition

Particulars of composition (if fitted) and of approval

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 be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
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. ✓

Date. ✓

Dates of Surveys held while building

1938:- May 12-18-26-31.
June 2-9-13-15-16-20.



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Lloyd's Register
Total No. of Visits 10.
Foundation