

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office FEB -2 1939

State if Report has been sent on the Freeboard of the Vessel YES.State if Report is sent on the Machinery of the Vessel YES.Date of completion of report 15TH JANUARY 1939Port of ROTTERDAMNo. 27793^aSurvey held at ALBLASSERDAMDate First Survey 8TH JUNE 1938Last Survey 21ST JANUARY 1939

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW MOTORSHIP "SCOTTISH CO-OPERATOR" (MINY. AFT)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

COMPLETE SUPERSTRUCTURE WITH T.O. State Type of Erections FILE ON UPPER D.

TONNAGE under Tonnage Deck...

382.24

CLASS

100 A1

State if with freeboard as condition of Class

YESBuilt at ALBLASSERDAM.

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

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

L 200-Launched 20-10-38 Yard No. 544

Total

382.24

Breadth (greatest moulded)

B 30-Builders N.V. INDUSTRIE MAATS "DE NOORD"

Gross Tonnage

513.24

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

D 18.5Owners SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY LTD.

Register Tonnage

244.44

1st Longitudinal Number (L x D)

3700

Managers

(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

FEET.

Length

209.95

Breadth

30.15

Depth

9.05

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

8.58Residence LEITH.

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

11.1Port of Registry LEITH.

Do. Long Bridge to top of keel

Brought Moulded

10'-10 1/4"

If surveyed while building, afloat, or in dry dock

BUILDING.

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	23	✓			Bracket Floors, Frame	5	3	32	See letter app. 2/2/39 plan
" " from 1/2 length amidships to Collision bulkhead	23	✓			" " Reversed Frame	4 1/2	2 1/2	32	
" " in peaks	23	✓			" " Vertical Struts	L	N.P. 20		
SIDE FRAMING.					Centre Girder, depth and thickness amidships	30	x	40	✓
Frame Amidships, Angle, <u>E</u> or <u>[</u> See letter	6	3	30	APPR. 4 5/8 x 3 x 35	" " top Angles	3	3	34	✓
" " Extends up to	UPPER D.				" " bottom Angles	3 1/2	3 1/2	40	✓
Reversed Frame Amidships, Angle	✓				Side Girders, No. each side and thickness	NONE			✓
" " Extends up to	✓				Margin Plate depth (excl. of flange) and thickness	21	x	36	✓
Depth of Framing Girder	✓				" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3	3	30	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E</u> or <u>[</u>	6	3	30	APPR. 4 5/8 x 3 x 35	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	3	3	30	✓
" " Second 'tween Decks, Angle, <u>[</u> or <u>[</u>	✓				" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓			✓
" " Third " " " "	✓				" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓			✓
" " from 1/2 len. for'd. to 15% len. from Stem	6	3	30	APPR. 4 5/8 x 3 x 35	Tank Side Brackets, height above base line at toe of Frame and thickness	39	x	32	✓
" " in Peaks, Angle or <u>[</u>	6	3	30	DO	INNER BOTTOM PLATING.				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4"	4 D.	✓		Breadth and thickness of Middle Line Strake	25	x	34	✓
State if Frame Joggled	YES	✓			Thickness of remainder in Holds	32			✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓			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?	SINGLE BOTTOM.			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓			BEAMS.				
INGLE BOTTOM.					Uppermost Continuous Deck, amidships in Wells, Angle, <u>E</u> or <u>[</u>	4	2 1/2	36	✓
Floors, Depth and thickness at mid-line in Holds					" " in way of Bridge, Angle, <u>[</u> or <u>[</u>	✓			
Height of Brackets at side above base line at toe of frame					Spacing	23			
Middle Line Keelson, on Floors, Angles, <u>[</u> or <u>[</u>					Second Deck, amidships, Angle, <u>E</u> or <u>[</u>	5	2 1/2	30	✓
" " Through Plate or Intercoastal Plate					Spacing	23			
" " Foundation Plate on Floors					Third Deck, amidships, Angle, <u>[</u> or <u>[</u>				
" " Flat Plate Keel Angles					Spacing				
Side Keelsons, No. each side					Fourth Deck, amidships, Angle, <u>[</u> or <u>[</u>				
" " thickness of Intercoastal Plate					Spacing				
" " Angles					Poop Deck, Angle, <u>[</u> or <u>[</u>				
DOUBLE BOTTOM.					Spacing				
Solid Floors, thickness and spacing	30	x	69		Bridge Deck, Angle, <u>[</u> or <u>[</u>				
" " Are Frame and Reversed Frame joggled?	YES	✓			Spacing				
Bracket Floors, breadth and thickness at middle line	23	x	30		Forecastle Deck, Angle, <u>E</u> or <u>[</u>	4	2 1/2	30	✓
" " breadth and thickness at margin plate	23	x	30		Spacing	23			

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.....	ONE.				Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing.....	2 1/2" x 46"			✓	Thickness of Plating abreast Deck openings in way of Wells		32		✓
" " " " " "					Thickness of Plating abreast Deck openings in way of Bridge				
" in Holds " "	3 1/4" x 46"			✓	Thickness of Plating within line of openings...		30		✓
" " " " " "					If Sheathed, material and thickness		UNSH.		
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating, thickness of					If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	91 x 38			34" APPR.	If Plated, state thickness				
" " " " in way of Bridge					Poop Deck.				
" Angle in Wells	3 1/2	3 1/2	40	✓	Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells	38			34 APPR.	Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.				
Thickness of Plating within line of openings...	34			30 APPR.	Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness	UNSH.				Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	92 x 32				Stringer Plate, breadth and thickness.....	28			✓
					Plating, Sheathing, material and thickness ...	28 UNSH.			✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? ▼	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	67	.44	.42	.40	✓	II	3/4	2.9	✓ III	3/4	2 5/8	✓ LAPPED	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes2....}	72	.38	.36	.36	✓	II	3/4	2.9	✓ II	3/4	2 5/8	✓ DO.	
BILGE PLATING, No. of Strakes2.....}	55	.38	.36	.36	✓	II	3/4	2.9	✓ II	3/4	2 5/8	✓ DO.	
SIDE PLATING, No. of Strakes2.....}	59	.38	.36	.36	✓	II	3/4	2.9	✓ II	3/4	2 5/8	✓ DO.	
UPPER DECK, Sheer- strake in Wells.....}	59	.38	.36	.36	✓				III	3/4	2 5/8	✓ DO.	
UPPER DECK, Sheer- strake in Bridge ...}													
STRAKE BELOW Sheer- strake in Wells.....}													
STRAKE BELOW Sheer- strake in Bridge ...}													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			.26		✓	I	5/8	2 1/2	✓ I	5/8	2 1/4	✓ DO	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	384 ~ R.B.
Extending to Upper Deck (Sec. 3 c)	1
" Deck next below	2
As per Rule	3 ✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds	26/38	45 x 3 x 34	30		
COLLISION " (in Hold)	30/42	26 x 3 x 32	24	SEMI-BOX BEAM.	
AFTER PEAK " " 	30/56	44 1/2 x 3 x 32	24	W.T. FLAT.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		FLAT KEEL PLATE		✓
STEM		PLATE STEM		✓
STERN FRAME { Propeller Post	CAST	200x110	USINEJ GUSTAVE BOEL.	✓
{ Rudder				
Speed of Vessel.....		12 1/2 KNOTS.		✓
RUDDER—Type.....		BALANCED.		✓
" A x D x 100... ..		232	DORTMUND HOERDER HUTTEN VEREIN.	✓
" Diam. of head		121		✓
" Mainpiece at top pintle				
" " heel ...				
" how constructed		PLATE ANGLES & G.S. ARMS.		✓
" double or single plate coupling, vertical or horizontal.....		DOUBLE		✓
		VERTICAL.		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
	DORTMUND-HOERDER HUTTEN VEREIN.
	S.A. D'ANGLEUR-ATHUS.
	Has the Steel been tested as required by the Rules? YES ✓

ANCHORS.

HAWSERS AND WARPS.

0016 $2\frac{1}{2}$

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.)

PLANS APPROVED:

1. MIDSHIP SECTION, PROFILE & DECKS, BULKHEADS, DOUBLE BOTTOM.
2. STERNFRAME & RUDDER.
3. MOTOR SEATING.

LETTERS:

ROTTERDAM.

LONDON.

17-12-37

20-12-37

17-1-38

18-1-38

18-1-38

10-1-38

14-2-38

10-3-38

11-4-38

13-4-38

COPY OF INTERIM CERTIFICATE AND CERTIFICATE OF STERNFRAME AND RUDDER ARMS ATTACHED.

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 *HEAD: 12-3-7* ✓ *W.H. 6006.* 29-10-36.
2nd „ „ : *12-2-0* ✓ *J.F.R. 2575* 24-8-37.
3rd „ „ : *11-0-9* ✓ *J.F.R. 2522* 20-8-37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ▼ ft., R.Q.D. ▼ ft., Bridge ▼ ft., Forecastle 30 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ▼

Official No. *167016* Signal Letters _____ Extreme Breadth over Belting *31'-3 3/4"* ✓ Over-all Length *216'* ✓
(Circ. 1611) (Circ. 1703)
No. and Material of Decks *1 BK and Sheller BK (57L.) (see plans.)*

Parts of Bottom of Vessel coated with cement or approved composition *HOLD BILGES, PEAKTANKS, DOUBLE BOTTOM TANKS*
(WHERE USED FOR F.W. OR WATERBALLAST) CEMENT; PAINT IN MOTOR ROOM. ✓

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 4287)
(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, etc. <i>HOLD.</i>	<i>128</i> ✓	<i>154.2</i>	Fore peak tank,		<i>57</i> ✓
Double bottom, under Engines and Boilers,			After peak tank,		<i>24.3</i> ✓
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	<i>128</i> ✓	<i>154.2</i>	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. *926*

Date *24-12-37*

Dates of Surveys held while building

1938: JUNE 8-14-20-22-25-28; JULY 5-7-11-13-14-18-22-28;
AUGUST 1-3-5-8-10-12-15-19-22; SEPT. 2-12-21-27; OCT. 3-10-14-18-18-20-28;
NOV. 4-10-21-23-30; DEC. 12-29.
1939: JAN. 5-11-17-21.

Total No. of Visits *45*