

Rpt. 1.

## 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

Now

Date of completion of report 23/1/41

Port of NEWCASTLE-ON-TYNE

No. 99141

Survey held at Walker-on-Tyne

Date First Survey 13 August 1940

Last Survey 14 Jan 41

19 41

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

Single Screw Ferry Steamer "SARKOV"

Machinery aft

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

State Type of Erections

TONNAGE under Tonnage Deck

550.32

CLASS

State if with freeboard as condition of Class

FEET.

Built at

Walker-on-Tyne

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

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

L 180'0"

Launched 29th November 1940 Yard No. 1676

Total

Breadth (greatest moulded)

B 40'0"

Builders Swan, Hunter, Wigham Richardson Ltd.

Gross Tonnage

691.01

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

D 15'0"

Owners His Majesty represented by the Ministry of Shipping.

Register Tonnage

264.87

1st Longitudinal Number (L x D)

=

Managers

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

REGISTERED DIMENSIONS. FEET.

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

=

Residence

Length

180'0"

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

=

Port of Registry Newcastle

Breadth

40.2'

Do. Long Bridge to top of keel

=

If surveyed while building, afloat, or in dry dock

Depth

10.95'

Brought Moulded

9'1"

yes.

## 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.
<b>FRAMES, Spacing amidships</b>	22 ✓		<b>Bracket Floors, Frame</b>	✓	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	22 ✓		" " Reversed Frame	✓	
" " in peaks.....	22 ✓		" " Vertical Struts	✓	
<b>FRAME FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	32 x 33 ✓	36 x 33 ✓
Frame Amidships, Angle, E or F	5 3 25 ✓		" " top Angles	4 3 3/8 ✓	3 x 3 x 3/8 ✓
" " Extends up to	upper deck ✓		" " bottom Angles	3 3 3/8 ✓	
<b>Reversed Frame Amidships, Angle</b>	3 3 5/16 ✓		<b>Side Girders, No. each side and thickness</b>	one ✓	
" " Extends up to	upper frame of side ✓		<b>Margin Plate depth (excl. of flange) and thickness</b>	20 x 32 ✓	20 x 30 ✓
<b>Depth of Framing Girder</b>			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	✓	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or F</b>	✓		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
" " Second 'tween Decks, Angle, E or F	✓		" " 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	✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	level 30 ✓	
" " in Peaks, Angle or F	4 3 5/16 4 x 2 1/2 x 5/16 ✓		<b>INNER BOTTOM PLATING.</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	3/4 - 5/4 ✓		Breadth and thickness of Middle Line Strake	7/8 ✓	3/4 ✓
<b>State if Frame Joggled</b>	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?	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		<b>BEAMS.</b>		
<b>SINGLE BOTTOM.</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or F</b>	7 3 32 ✓	8 3 1/2 7/16 ✓
<b>Floors, Depth and thickness at mid-line in Holds</b>	21 x 34 ✓		" " in way of Bridge, Angle, E or F	✓	
Height of Brackets at side above base line at toe of frame	✓		Spacing	22 ✓	
<b>Middle Line Keelson, on Floors, Angles, E or F</b>	10 3 1/2 7/16 ✓		<b>Second Deck, amidships, Angle, E or F</b>	5 3 3/8 ✓	
" " Through Plate or Intercoastal Plate	38 ✓		Spacing	44 ✓	
" " Foundation Plate on Floors	✓		<b>Third Deck, amidships, Angle, E or F</b>	✓	
" " Flat Plate Keel Angles	3 3 3/8 ✓		Spacing	✓	
<b>Side Keelsons, No. each side</b>	Two ✓		<b>Fourth Deck, amidships, Angle, E or F</b>	✓	
" " thickness of Intercoastal Plate	30 ✓		Spacing	✓	
" " Angles	6 3 1/2 3/8 ✓		<b>Poop Deck, Angle, E or F</b>	✓	
<b>DOUBLE BOTTOM.</b>			Spacing	✓	
<b>Solid Floors, thickness and spacing</b>	38 - 22 ✓		<b>Bridge Deck, Angle, E or F</b>	6 3 1/2 5 x 3 x 3/8 ✓	
" " Are Frame and Reversed Frame joggled?	yes ✓		Spacing	about 36 ✓	
<b>Bracket Floors, breadth and thickness at middle line</b>	✓		<b>Forecastle Deck, Angle, E or F</b>	✓	
" " breadth and thickness at margin plate	✓		Spacing	✓	



PILLARS AND DECKS.
PILLARS, No. of Rows...
in 'tween Decks, Size and Spacing...
in Holds...
Centre Line Bulkhead.
Stringers and Decks.
Uppermost Continuous Deck.
Stringer Plate, breadth and thickness in Wells...
Stringer Plate, breadth and thickness in way of Bridge...
Angle in Wells...
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...
Cabin Second Deck.
Stringer Plate, breadth and thickness in Wells...

SHELL PLATING.
SCANTLINGS.
AS IN VESSEL.
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
EDGES.
BUTTS.
FLAT PLATE KEEL...
DECK (if any)...
BOTTOM PLATING, No. of Strakes...
BILGE PLATING, No. of Strakes...
SIDE PLATING, No. of Strakes...
UPPER DECK, Sheer-strake in Wells...
UPPER DECK, Sheer-strake in Bridge...
STRAKE BELOW SHEER-strake in Wells...
STRAKE BELOW SHEER-strake in Bridge...
POOP SIDE PLATING...
BRIDGE SIDE PLATING...
FORECASTLE SIDE PLATING...

WATERTIGHT BULKHEADS.
Total No. of W.T. BULKHEADS in Vessel...
Extending to Upper Deck (Sec. 3 c)...
Deck next below...
As per Rule...
STIFFENERS.
VERTICAL.
HORIZONTAL.
MIDSHIP BULKHEAD, Upper 'tween decks...
Second...
Third...
Holds...
COLLISION (in Hold)...
AFTER PEAK...
FORGINGS AND CASTINGS.
KEEL, Bar...
STEM...
STERN FRAME...
Propeller Post...
Rudder...
Speed of Vessel...
RUDDER-Type...
A x D...
Diam. of head...
Mainpiece at top pintle...
heel...
how constructed...
double or single plate coupling, vertical or horizontal...
STEEL.
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)...
Has the Steel been tested as required by the Rules?

EQUIPMENT No.
LETTER.
ANCHORS.
Number of Certificate...
Anchors...
Weight of Stock...
Test, per Certificate...
Description of Anchor...
Makers...
Where and when tested and Superintendent...

CHAIN CABLES.
HAWERS AND WARPS.
Number of Certificate...
Length and size supplied...
Test per Certificate...
Weight of Chain Cable...
Length and size per Table 53...
Description...
Makers of Cables...
Where and when tested and Superintendent...
Material...
Length and size supplied...
Test of Steel Wire...
Length and size per Table 53...

Steering Gear, Type (Power or hand)...
Steering Chains (Size and Test)...
Windlass...
Boats...
Ceiling in Holds, thickness and material...
Cargo Battens, thickness, material and spacing...
Cargo Hatchways (Upper Deck)...
Thickness of Hatches...
Size of Hatchways...
Number of Shifting Beams...
FOR SWAN, HUNTER & WIGMAN...
DIRECTOR

GENERAL DECLARATION.
It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel...
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo...
This vessel has been constructed in accordance with the approved plans and the Secretary's letters and generally conforms with the Society's Rules for the class contemplated...
The materials and workmanship are good...
The weather decks and watertight bulkheads have been tested and found to be satisfactory...
The windlass and steering gear have been examined under working conditions and found to be satisfactory...
The double bottom tank, fore and after peak tanks and forward deep tank have been tested as required by the Rules and found to be satisfactory...

The amount of Entry Fee...
Special Survey Fee...
Travelling Expenses, if any...
State whether the Vessel has been built under Special Survey...
Fees applied for...
Received by me...
I am of opinion the Vessel should be...
Signature...
Surveyor to Lloyd's Register of Shipping...
Committee's Minute...
Character assigned...
Lloyd's a.o.c.
L.L. breadth...
Lloyd's Register Foundation



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 L. 4. the Plans should be embodied.)

The following approved plans are forwarded with this report:-

Midship Section.

Profile & Becks.

Modified floors & reserve bars in lieu of fitting frame Becks in hold.

Fore end framing.

Riveting list.

Amendment to hatch end beam & deck girders

after end framing.

General pumping plan.

Proposed coaming to cargo hatch.

Height of door coamings.

Amended stem frame & ender.

Stair plan

Subwark & firing ports.

Thy tracing of fore peak tank Section.

Subwark doors (1).

Subwark doors (2).

3 Firing reports.

Sister Vessels:- "Escalat". "Erdet". "Gemlike". "Kelye". "Lapsetki". "Madanya".  
Rpt. no. 98746. no. 98787. no. 98880. no. 98881. no. 99054. no. 99055.  
"Munste".

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book With Freeboard, Lloyds A V.P.

Wireless, Mchng Aft, pt Asp. pt Cmn

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

1st Bower <sup>cat</sup> W5 12-0-0; Initials J. O.; No. of Cert. 3053; Date 29/6/40  
2nd " 12-2-12; " J. T.; " 3267; " 17/6/40.  
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. 168806 Signal Letters Extreme Breadth over Belting 41'4" Over-all Length 187'8"  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks one deck steel.

Parts of Bottom of Vessel coated with cement or approved composition Feed water tank, bottom shell cemented; shell & floors in hold & bunkers coated bituminastic enamel; shell in boiler room coated cement, floors bituminastic enamel.

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.)

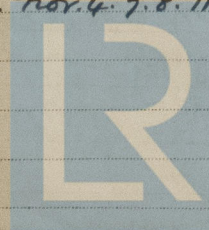
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water
Double bottom, aft,	✓	✓	Fore peak tank,	22'6"	✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	11'0"	✓
Double bottom, if under Engines only,	22'0"	19.5	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	12'0" 10'4"	✓
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. 5602

Date 31.1.40

Dates of Surveys held while building

1940  
Aug. 13. 21. Sep. 6. 10. 16. Oct. 3. 9. 24. Nov. 4. 7. 8. 11. 12. 22. 27. 28. 30. Dec. 10. 31.  
1941  
Jan. 8. 9. 14.



Lloyd's Register Foundation

Total No. of Visits 2