

STEEL STEAMER or MOTORSHIP.

Received at London Office

TQ 1145-0007

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YESDate of completion of report 14th May 1927Port of GreenockNo. 13704Survey held at GreenockDate First Survey 9th November 1926Last Survey 13th May 1927

On the (State if Machinery fitted Aft and

Single Sc."SWAN"

(NCHY AND SHIPS.)

State Type (Full Scantling, Complete Superstructure

(with or without Tonnage Openings)

State Type of Erections ✓

TONNAGE under

Tonnage Deck...

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.
FEET.

Length

Breadth

Depth

CLASS * A1.

State if with freeboard

NO

"FOR RIVER TOWING SERVICES as condition of Class

FEET.

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

L 15.0

Breadth (greatest moulded)

B 10.75Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)D 8.0

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 con-
tinuous deck to top of keelDo. Long Bridge to top
of keel

Draught Moulded

Built at GreenockLaunched 28th April '27 Yard No. 157Builders George Brown & Co.

Owners

Managers

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

Residence

Port of Registry ✓

If Surveyed while building, afloat, or in dry dock

on deck of transporting vessel.

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.
Spacing amidships	19		Bracket Floors, Frame		
" from $\frac{1}{2}$ length to Collision bulkhead	19		" " Reversed Frame		
" in peaks	19		" " Vertical Struts		
HING.			Centre Girder, depth and thickness amidships		
amidships, Angle, \angle or \angle	1 $\frac{1}{2}$ 1 $\frac{1}{2}$ 19		" " top Angles		
" Extends up to	DECK		" " bottom Angles		
Frame Amidships, Angle			Side Girders, No. each side and thickness		
" Extends up to			Margin Plate depth (excl. of flange) and thickness		
Framing Girder			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		
Uppermost Continuous 'tween Decks, Angle, \angle or \angle			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
Second 'tween Decks, Angle, \angle or \angle			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Peaks, Angle or \angle	1 $\frac{1}{2}$ 1 $\frac{1}{2}$ 19		Tank Side Brackets, height above base line at toe of Frame and thickness		
and Spacing of Rivets through Frame and Shell Plating amid- ships	$\frac{1}{2}$ dist. 7 dist.		INNER BOTTOM PLATING.		
are Joggled	NO		Breadth and thickness of Middle Line Strake		
ARRANGEMENTS (Sec. 7), state system and particulars			Thickness of remainder in Holds		
ING OF BOTTOM FOR- state Particulars			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?		
OM.			BEAMS.		
and thickness at mid-line in	7 15		Uppermost Continuous Deck, amidships	1 $\frac{1}{2}$ 1 $\frac{1}{2}$ 19	
ds	FLANGED 2" 11"		" " in Wells, Angle, \angle or \angle		
of Brackets at side above line at toe of frame	WELL OF REV. AIR		" " in way of Bridge, Angle, \angle or \angle		
Keelson, on Floors, Angle, \angle or \angle	3 2 25		Spacing	EVERY FRAME	
" Through Plate or Intercostal Plate			Second Deck, amidships, Angle, \angle or \angle		
" Foundation Plate on Floors			Spacing		
" Flat Plate Keel Angles			Third Deck, amidships, Angle, \angle or \angle		
No. each side			Spacing		
thickness of Intercostal Plate			Fourth Deck, amidships, Angle, \angle or \angle		
Angles			Spacing		
M.			Poop Deck, Angle, \angle or \angle		
ckness and spacing			Spacing		
re Frame and Reversed Frame joggled?			Bridge Deck, Angle, \angle or \angle		
breadth and thickness at middle line			Spacing		
breadth and thickness at margin plate			Forecastle Deck, Angle, \angle or \angle		
			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..... <i>ONE</i>				Stringer Plate, breadth and thickness in way of Bridge			
" <i>in 'tween Decks, Size and Spacing.....</i>				Thickness of Plating abreast Deck openings in way of Wells			
"				Thickness of Plating abreast Deck openings in way of Bridge			
" <i>in Holds</i>		<i>1 1/2 DIA.</i>		Thickness of Plating within line of openings...			
"		<i>ON PLATE CR.</i>		If Sheathed, material and thickness			
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 <i>in Wells</i> <i>12</i> <i>15</i>				If Plated, state thickness			
" <i>in way of boiler casing</i> <i>26</i> <i>10</i>				Poop Deck.			
" <i>in way of Bridge</i>				Stringer Plate, breadth and thickness			
" <i>Angle in Wells</i>	<i>2</i>	<i>2</i>	<i>19</i>	Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Wells.....	<i>4</i>		<i>10</i>	Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge				Stringer Plate, breadth and thickness.....			
Thickness of Plating within line of openings...				Plating, Sheathing, material and thickness ...			
<i>DECK</i> If Sheathed, material and thickness	<i>TEAK</i>		<i>1 1/2</i>	Forecastle Deck.			
Second Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells...				Plating, Sheathing, material and thickness ...			

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	<i>24</i>	<i>25</i>	<i>20</i>	<i>20</i>	<i>20 FORE & AFT.</i>	<i>SINGLE</i>	<i>1/2</i>	<i>1 3/8</i>	<i>2</i>	<i>5/8</i>	<i>2 1/2</i>	<i>LAPPED.</i>	
" <i>DECK (if any)</i>													
BOTTOM PLATING, No. of Strakes		<i>15</i>	<i>15</i>	<i>15</i>	<i>10 FORE & AFT.</i>	<i>SINGLE</i>	<i>1/2</i>	<i>1 3/8</i>	<i>1</i>	<i>1/2</i>	<i>1 1/2</i>	<i>LAPPED.</i>	
BILGE PLATING, No. of Strakes		<i>15</i>	<i>15</i>	<i>15</i>	" "	"	"	"	<i>1</i>	"	"	"	
SIDE PLATING, No. of Strakes		<i>15</i>	<i>15</i>	<i>15</i>	" "	"	"	"	<i>1</i>	"	"	"	
UPPER DECK, Sheer-strake in Wells.....	<i>30</i>	<i>15</i>	<i>15</i>	<i>15</i>		"	"	"	<i>2</i>	"	"	"	
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— <i>FOUR.</i>					
Extending to Upper Deck (Sec. 3 c) <i>FOUR.</i>					
" Deck next below					
As per Rule <i>FOUR</i>					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks					
" <i>Second</i>					
" <i>Third</i>					
" <i>Holds</i>					
COLLISION " (in Hold)					
AFTER PEAK "					

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar.....	<i>FLAT PLATE KEEL.</i>			
STEM	<i>ROLLER</i>	<i>3 1/2 x 1/2</i>		
STERN FRAME { Propeller Post	<i>FORGING</i>	<i>3 1/2 x 1 1/2</i>	<i>CLARK & CO.</i>	<i>3 1/2 x 3/8</i>
{ Rudder	"	<i>3 1/2 x 1 1/2</i>	<i>L.P.</i>	<i>3 1/2 x 3/8</i>
RUDDER—A x D.....				
Speed of Vessel.....		<i>UNDER 9 KNOTS.</i>		
RUDDER mainpiece at head	<i>FORGING</i>	<i>2 1/2 DIA.</i>		
" " heel ...	"	<i>2 1/2 DIA.</i>	<i>CLARK & CO.</i>	<i>L.P.</i>
" how constructed	<i>FORGED & BUILT.</i>			
" double or single plate	<i>SINGLE</i>	<i>375</i>		
" coupling, vertical or horizontal.....	<i>NONE FITTED.</i>			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>OPEN HEARTH.</i>	
	<i>NOTHERWELL IRON & STEEL CO., SMITH & M'LENN L.P.</i>	
	Has the Steel been tested as required by the Rules? <i>YES.</i>	

EQUIPMENT No. ✓											LETTER ✓	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY RULES.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			
2255	1st Bower ...	0	3	7	0	0	25	2	16	2	14	COMMON ANCHOR	NOT STATED	GLS. 11-5-27 NAEHER.
	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		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size		
	Length.	Diam.	Stain.	Break.	Supplied.	Per Rule.	Tested by.	Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.	Fathoms.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
9019	31 1/2	3/8	1-12-2-0		2-3-0				30	3/8	SHORT NOT STATED.	GLS. 11-5-27	TOWLINE... HAWSERS & WARPS " " " "	40	4	MANILA	40	4	
Iron Circum- Chain-on Steel-Wire																			

Steering Gear, Steam
Steering Gear, Hand

Boats
Steering Chains, Size and Test
Windlass

Ceiling in Holds, thickness and material
Cargo Battens, thickness, material and spacing

Cargo Hatchways.-(Upper Deck)
Thickness of Hatches

Size of No. 1 Hatchway (Forward)
No. 2
No. 3
No. 4
No. 5
No. 6

Number of Shifting Beams and/or Fore and Afters

Builder's Signature

GENERAL DECLARATION

The vessel has been built in accordance with the approved plans, instructions & printed Rules of this Society. The materials & workmanship are of good quality. The peaks, watertight bulkheads, weather deck & hand pumps have been tested as required by the Rules & found satisfactory.

Note: This vessel has been built to the order of Messrs. McKie & Baxter, Engineers, Govan, for clients in the Malay Peninsula & has been put on board the T.S.M.V. "DOLIVUS" at Glasgow, for shipment to Port Swettenham.

The amount of Entry Fee £ 2 : 0 : 0
Special Survey Fee.... £ 20 : 0 : 0
Travelling Expenses, if any £

Fees applied for,
13.5.1927
Received by me,
20/5/27

I am of opinion the Vessel should be Classed + A1.
"FOR RIVER TOWING SERVICES IN THE MALAY PENINSULA"

State whether the Vessel has been built under Special Survey YES.
Signature: H.L. Swinton
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GREENOCK.
Date of issue 30/5/27.

Committee's Minute
GLASGOW 1 MAY 1927

Character assigned + A1 5.27.
For River Towing Services in the Malay Peninsula.

Lloyd's A.R.P.
+ L.M.C. 5.27.

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.)

List of Plans:

Midships Section
Profile & Deck plan.
Sternframe & Rudder.
Engine seating
Bulk Cargo Hatchways
Pumping Arrangement.
Lashing Report (1).

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 is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 DK (Oak)*

Official No. ☒ ; Signal Letters ☒ Is bottom of Vessel coated with cement *yes* if not give particulars of composition.

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WELLS.			PARTICULARS OF TANKS.		
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 capacity of double bottom			(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. *2192*

Date *7-10-26*

Dates of Surveys held while building

(1926) Nov. 9-12-14-19-23-26-30 Dec. 7-10-15-20-23-27-29 (1927) Jan. 11-13-17-19-21-25-27-28 Feb. 2-4-8-10-14-22-28
Mar. 4-10-17-23 April 1-5-12-27 May 10-13

