

NON PROPELLING SUCTON DREDGER.
STEEL STEAMER OF MOTORSHIP

Received at London Office 26 DEC 1933

Rpt. 1.

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

State if Report is sent on the Machinery of the Vessel No.

Date of completion of report 23rd December 1933. Port of Glasgow. No. 54092
Survey held at Renfrew. Date First Survey 18th Sept 1933 Last Survey 19th December 1933.

On the ~~(State of Machinery fitted to and of Single, Twin or Triple Screw)~~ NON PROPELLING CUTTER SUCTON DREDGER. Not named

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Restricted class. State Type of Erections ✓

TONNAGE under Tonnage Deck... CLASS + A.1 "DREDGER" State if with freeboard) No. Built at Renfrew.
Do. of space or spaces between Tonnage Deck and Upper Deck. "For River Service." as condition of Class. Dismantled and
Total Length from fore part of stem to after part of stern } L 164.0. Launched shipped in pieces Yard No. 704.
Gross Tonnage 560 approx. Breadth (greatest moulded) B 41.0. Builders W^m. Simons & Co. L^d.
Register Tonnage Depth, at middle of length from top of keel to top of beam at side of uppermost continuous } D 10.0. Owners Burma Oil Coy L^d.
Framing Depth "d," at middle of length. See } 3.25. Managers
Proportions—Depth to Length—Uppermost continuous deck to top of keel } 16.4. (Where necessary to be entered in Reg. Book.)
1st Longitudinal Number (L × D)..... = 1640. Residence London.
2nd Numeral L × (B + D)..... = 8364. Port of Registry ✓
If surveyed while building, afloat, or in dry dock building. (erection only)

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	24	✓	Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision } bulkhead.....	24	✓	" " Reversed Frame		
" " in peaks.....	24	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, 22 26	4 22 26	✓	" " top Angles		
" " Extends up to ... Deck			" " bottom Angles		
Reversed Frame Amidships, Angle	22 22 34	✓	Side Girders, No. each side and thickness		
" " Extends across floors.			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	4	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween } Decks, Angle, [or [.....			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....		
Framing in Peaks, Angle 22 26	4 22 26	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 42	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No.	✓	Breadth and thickness of Middle Line Strake ...		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)			Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. 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 ?.....		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	16 34	✓	Uppermost Continuous Deck, amidships } in Wells, Angle, 22 26	6 3 31	✓ + 01
Height of Brackets at side above base line at toe of frame	Level 15 15 34	✓	" " in way of Bridge, Angle, [or [.....		✓
Middle Line Keelsons on Floors, Angles, 22 26	32 3 26	✓	Spacing.....	24	✓
" " " Through Plate on Intercoastal Plate...	26	✓	Shade. Second Deck, amidships, Angle, 22 26	4 22 30	✓
" " " Foundation Plate on Floors	✓		Spacing.....	36	✓
" " " Shell Flat Plate Keel Angles	22 22 26	✓	Third Deck, amidships, Angle, [or [.....		✓
Side Keelsons, No. each side ... 422			Spacing.....		✓
" " thickness of Intercoastal Plate...	26	✓	Fourth Deck, amidships, Angle, [or [.....		
" " Angles Top 32 3 26	32 3 26	✓	Spacing.....		
Bilge keelson on top of floors	6 3 34 angle	✓	Poop Deck, Angle, [or [.....		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or [.....		
" " Are Frame and Reversed Frame } joggled ?.....			Spacing.....		
Bracket Floors, breadth and thickness at middle line.....			Forecastle Deck, Angle, [or [.....		
" " breadth and thickness at margin plate.....			Spacing		

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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>Two</i>			Stringer Plate, breadth and thickness in way of Bridge	<i>24 30 1</i>	
„ in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings in way of Wells	✓	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	<i>2 1/2 48</i> ✓		Thickness of Plating within line of openings...	✓	
„ „ „ „ „	✓		If Sheathed, material and thickness <i>at...Raeon.</i>		
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	<i>72 50</i> ✓		If Plated, state thickness		
„ „ „ „ <i>at ends</i> „ in way of Bridge	- <i>30</i> ✓		Poop Deck.		
„ Angle in Wells	<i>3 3 34</i> ✓		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	<i>28</i> ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	<i>28</i> ✓		Bridge Deck.		
Thickness of Plating within line of openings...	<i>28</i> ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness <i>at...Raeon.</i>			Plating, Sheathing, material and thickness ...		
<i>Shade</i> Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		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) 5.

„ Deck next below ✓

As per Rule 4.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				
STERN FRAME { Propeller Post				
{ Rudder				
RUDDER—A × D				
Speed of Vessel				
RUDDER mainpiece at head				
" " heel				
" how constructed				
" double or single plate coupling, vertical or horizontal				

				Plating Thickness.	STIFFENERS.			
					VERTICAL.		HORIZONTAL.	
					Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, ^{No 46.} Upper tween decks				30	6 x 3 x 32 BR.	24" (mean)	✓	✓
"	"	Second	"	✓	✓	✓	✓	✓
"	"	Third	"	✓	✓	✓	✓	✓
"	"	Holds		✓	✓	✓	✓	✓
COLLISION " (in Hold)				26 30	5 x 3 x 32 Angle	24" (mean)	✓	✓
AFTER PEAK "				26 30	6 x 3 x 36 20.	24" (mean)	✓	✓

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth.*
The Steel Company of Scotland, Hallside & Blochairn. Colvilles & Co. Ltd. Motherwell.
The Lanarkshire Steel Co. Ltd. Motherwell.
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	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	TABLE OR (Cwts.)			
93329.	1st Bower ...	24	1	7	6	0	24	24	4	0	7	30.	Shotman, O.H.I.S.	H. Hingley & Sons	Nether-ton 13/12/33 H. Green.
93325	2nd " ...	15	3	10	4	0	18	17	5	1	7	-	Do.	Do.	Do. Do. Do.
93326	3rd " ...	15	3	8	4	0	20	17	5	1	7	-	Do.	Do.	Do. 15/12/33. Do.
	Collective weight.	15	2	24	4	0	16	17	3	0	14	-	Do	Do	Do 13/12/33. Do
93327	Stream	15	3	7	4	0	21	17	5	1	7	-	Do	Do.	Do. Do. Do.

CHAIN CABLES.

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.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.		Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
													TOWLINE...			✓	75	3.
													HAWSERS & WARPS			✓	90	6.
													"			✓	90	4.
													"			✓	72	3.
													"			✓	250	3.

HAWSERS AND WARPS.

Steering Gear, Steam *None.* Steering Gear, Hand *None.*

Boats *✓* Steering Chains, Size and Test *None* Windlass *None.*

Ceiling in Holds, thickness and material *None.* Cargo Battens, thickness, material and spacing *None.*

Cargo Hatchways.—(Upper Deck) *None* 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 *✓*

FOR WM. SIMONS & CO. LTD.

Builder's Signature

SECRETARY

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *No.* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No.* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel so far as advanced has been constructed (erected only) in accordance with the approved plans (right in number, enclosed herewith), the Secretary's letters of various dates and in general conformity with the Rules for the class contemplated.

The materials and workmanship are good so far as advanced.

The vessel has been dismantled for shipment, in pieces, and re-creation, and completion at Rangoon, Burma. The oil engines for this vessel are being made in Germany and are to be shipped direct to Rangoon.

To complete survey. Vessel to be re-erected, riveted and caulked. Deck, bulkheads, water tanks, oil fuel tanks to be tested in accordance with Rule requirements.

Pumping arrangements to be fitted in accordance with approved plans. *Hawsers and warps to be hawking.*

Plans enclosed: *Shell plating, keelson plan, main deck plating, profile & deck, W.T. & O.T. bulkheads, bilge piping.*

Plans enclosed: Midship Section, midship section showing multiple pumping arrangements.

The amount of Entry Fee £ 4 : 0 : 0

3/4 Special Survey Fee £ 41 : 5 : 0

Travelling Expenses, if any £ : : :

Fees applied for, 26 DEC 1933

Received by me,

12.1.1934

I am of opinion the Vessel should be Classed *on completion* **A.1. "DREDGER"**

"FOR RIVER SERVICE"

State whether the Vessel has been built under Special Survey *(erected only)* **Yes.**

Signature

A. J. Dredger

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Owners.* Date of issue *19/10/34*

Committee's Minute **FRI. 29 DEC 1933**Character assigned *Deferred.***FRI. 12 OCT 1934****FRI. 19 OCT 1934**

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Lloyd's Register Foundation

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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.)

The class of the vessel is subject to the preceding being carried out under the Society's supervision.

MSA

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) *One 0* (ste).*

Official No. ☒ : Signal Letters ☒

Is bottom of Vessel coated with cement ☒ if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

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, <i>Cooling water tanks.</i>	6.0	62.0
Double bottom, if under Boilers only,			Deep tank, forward, <i>oil fuel tank.</i>	10.0	24.0
Double bottom, forward,			Other tanks, if fitted, <i>lubricating oil tank at centre only.</i>	8.0	3.0
			<i>oil transfer tank.</i>	8.0	3.0
			(If necessary, furnish further information by sketch.)		
			<i>In engine room.</i>		

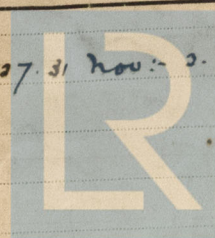
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *6171*

Date *1.9.33*

Dates of Surveys
held while building

1933 Sep: 18. 26 Oct: 2. 5. 12. 18. 24. 27. 31 Nov: 3. 7. 9. 16. 21. 28 Dec: 1. 5. 19



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