

STEEL STEAMER OR MOTORSHIP.

Received at London Office.

State if Report has been sent on the Freeboard of the Vessel. ✓

State if Report is sent on the Machinery of the Vessel. ✓

Date of completion of report. 11 August 1952 Port of CARDIFF No. 54929

Survey held at Bristol Date First Survey 11th July 1951 Last Survey 8th July 1952

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Non Propelled, SUCTION CUTTER DREDGER.

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

IMAGE under Tonnage Deck ... ✓	CLASS <i>A1 DREDGER</i> State if with freeboard ✓ as condition of Class ✓ <i>FOR SERVICE IN NELSON HARBOUR.</i>	Built at <i>ALBION DOCKYARD BRISTOL AND</i> <i>DISMANTLED FOR RE-ERECTION AT NELSON. N.Z.</i>
of space or spaces between Tonnage Dk. and Upper Dk. } ✓	Length from fore part of stem to after part of stern } L <i>92.0</i> <i>92.0</i>	Launched Yard No. <i>380</i>
Tonnage	Breadth (greatest moulded) B <i>15.0</i>	Builders <i>CHARLET HILL & SONS LTD</i>
Water Tonnage <i>NOT MEASURED</i>	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D <i>8.3</i> <i>8.3</i>	Owners <i>NELSON HARBOUR BOARD. N.Z.</i>
REGISTERED DIMENSIONS. FEET	1st Longitudinal Number (L × D) = <i>575 7/10 LOWER Dk</i>	Managers (Where necessary to be entered in Reg. Book)
h <i>NOT MEASURED</i>	2nd Numeral L × (B + D) = <i>2875</i>	Residence ✓
th <i>NOT MEASURED</i>	Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓	Port of Registry ✓
	Proportions—Depth to Length—Uppermost con- tinuous deck to top of keel ✓	If surveyed while building, afloat, or in dry dock <i>BUILDING.</i>
	Do. Long Bridge to top of keel ✓	
	Draught Moulded ✓	

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.....	21"	✓	Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead.....	✓		" " Reversed Frame.....	✓	
" " in peaks	✓		" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, <i>3 1/2" - 2 1/2" 5/16"</i> <i>WELDED</i> <i>O.A. TOE TO PLATE.</i>	<i>3 1/2" - 2 1/2" 5/16"</i>	<i>WELDED</i> <i>O.A. TOE TO PLATE.</i>	" " top Angles	✓	
" " Extends up to.....	<i>DECK</i>	✓	" " bottom Angles.....	✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder.....	<i>3 1/2"</i>	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " Second 'tween Decks, Angle, [or]	✓		" " 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	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
" " in Peaks, Angle or [.....	✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	✓		Breadth and thickness of Middle Line Strake...	✓	
State if Frame Joggled.....	<i>No.</i>	✓	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 regard- ing 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.		
DOUBLE BOTTOM.			Uppermost <i>Deck, 3 1/2" - 2 1/2" 5/16"</i> <i>WELDED</i> <i>O.A. TOE TO PLATE.</i>	<i>3 1/2" - 2 1/2" 5/16"</i>	<i>WELDED</i> <i>O.A. TOE TO PLATE.</i>
Floors, Depth and thickness <i>8" 5/16" FLANGED 3" W.T.T.P.</i> <i>12" 5/16" " " " "</i> <i>15" 5/16" " " " "</i> <i>12" 5/16" " " " "</i>	<i>8" 5/16" FLANGED 3" W.T.T.P.</i> <i>12" 5/16" " " " "</i> <i>15" 5/16" " " " "</i> <i>12" 5/16" " " " "</i>	<i>WELDED</i> <i>O.A. TOE TO PLATE.</i>	" " in way of Bridge, Angle, [or]	✓	
Height of Brackets at side above base line at toe of frame.....	<i>12" 5/16" INT. PLATE WITH</i> <i>10" 5/16" RIDER PLATE</i>	✓	Spacing	<i>21"</i>	
Middle Line Keelson, <i>8" 5/16" FLANGED 3" W.T.T.P.</i> <i>12" 5/16" " " " "</i> <i>15" 5/16" " " " "</i> <i>12" 5/16" " " " "</i>	<i>8" 5/16" FLANGED 3" W.T.T.P.</i> <i>12" 5/16" " " " "</i> <i>15" 5/16" " " " "</i> <i>12" 5/16" " " " "</i>	✓	Second Deck, amidships, Angle, [or]	✓	
" " Through Plate or Inter- costal Plate	✓		Spacing	✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]	✓	
" " Flat Plate Keel Angles <i>Bow to FR. 25.</i> <i>PLATING, 25/RAKES. 1" 5/16"</i> <i>5/16" FRAMES, 3 1/2" - 2 1/2" 5/16"</i> <i>SPACED, 21" APART. TOE TO PLATE</i>	<i>PLATING, 25/RAKES. 1" 5/16"</i> <i>5/16" FRAMES, 3 1/2" - 2 1/2" 5/16"</i> <i>SPACED, 21" APART. TOE TO PLATE</i>	✓	Spacing	✓	
" " <i>WELL.</i>	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " <i>WELL.</i>	✓		Spacing	✓	
" " <i>WELL.</i>	✓		Poop Deck, Angle, [or]	✓	
" " <i>WELL.</i>	✓		Spacing	✓	
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]	✓	
Solid Floors, thickness and spacing	✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	✓		Forecastle Deck, Angle, [or]	✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
" " breadth and thickness at margin plate	✓				

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	✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ 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 „ „ „	✓		Thickness of Plating within line of openings	✓	
„ „ „ „ „	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead. Stiffeners and Spacing	✓		Third Deck. Stringer Plate, breadth and thickness	✓	
Plating, thickness of	✓		If Plated, state thickness	✓	
STRINGERS AND DECKS. Uppermost Deck . Stringer Plate, thickness 5/16" THROUGHOUT ✓			Fourth Deck. Stringer Plate, breadth and thickness	✓	
AND. DECK PLATING. „ „ „ „ in way of Bridge	✓		If Plated, state thickness	✓	
STRINGER Angle Wells 2 1/2" 2 1/2" 5/16" WELDED ✓			Poop Deck. Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells	✓		Plating, Sheathing, material and thickness	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck. Stringer Plate, breadth and thickness	✓	
Thickness of Plating within line of openings	✓		Plating, Sheathing, material and thickness	✓	
If Sheathed, material and thickness	✓		Forecastle Deck. Stringer Plate, breadth and thickness	✓	
Second Deck. 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.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPE LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
Flat Plate Keel. UNDER ENGINE FR. 32-47.	60	3/8"	✓	✓		1/2" OVERLAP. WELDED.	✓	1/2" OVERLAP. WELDED.	✓		
„ Dblg. (if any)	✓	✓	✓	✓							
Bottom Plating, No. of Strakes 5	5/16"	THROUGHOUT.				BUTT WELD.	✓	1/3" OVERLAP. WELDED.	✓		
Bilge Plating, No. of Strakes	✓										
Side Plating, No. of Strakes 2	5/16"	THROUGHOUT.				BUTT WELD.	✓	1/3" OVERLAP. WELDED.	✓		
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 ~~U~~ Deck (Sec. 3) **5** **2**„ Deck next below

As per Rule

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any D. from A. Plans to
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	✓			

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, 1st	5/16"	3 1/2" x 2 1/2" 5/16"	25 1/2"		
„ „ Second „		WELDED TO E. TO PLATE.			
„ „ Third „					
„ „ Holds					
FORWARD END. (HULL)	5/16"	3 1/2" x 2 1/2" 5/16"	WELDED TO E. TO PLATE.		
AFTER END FWD. „	5/16"	3 1/2" x 2 1/2" 5/16"	24"		

STEEL.

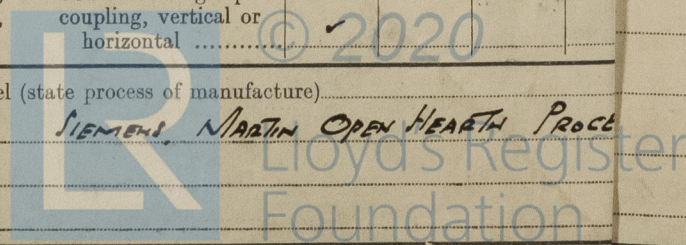
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

DORMAN LONG, & CO. L^{td}

STEEL COMPANY OF WALES.

SIEMENS MARTIN OPEN HEARTH PROCESS

Has the Steel been tested as required by the Rules? **YES**



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 FOLLOWING EQUIPMENT SHIPPED TO NELSON, N.Z. TO BE PLACED ON BOARD ON COMPLETION.

MARKINGS ON CERTIFICATES NOT VERIFIED.

2 Bower Anchors, 500 lb. } CERT. N° LPH. CH. 72536, 7, 8, 9 and 72540. ✓

3 " " 300 " } ✓

HEAD LINE. 100 fms 3½" Circ. Steel wire rope. ✓

STREAM " 100 " 3½" " " " " 2 Sets wire rope ✓

SIDE " 4 x 100 " 2¾" " " " " " 1 Set wire rope ✓

MOORING ROPE. 12 x 90 " 3" " Sisal. ✓

TOW LINE. 75 " 2" " Steel wire rope. ✓

1. GENERAL ARRANGEMENT.
2. MIDSHIP SECTION, PROFILE AND DECKS.
3. ENGINE SEATING.
4. WELDING LIST FOR FINAL ERECTION.
5. MIDSHIP SECTION, PROFILE AND DECKS. AS FITTED.

PARTICULARS OF ELECTRIC WELDING (if employed)

ASSEMBLY SECTIONS ELECTRIC WELDED COMPLETE

VESSEL ON COMPLETION WILL BE WELDED THROUGHOUT.

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

SUCTION CUTTER DREDGER.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State } Maker
Name } and/or
of } Supplier

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.D. 18.5 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. ✓

Signal Letters ✓

Extreme Breadth over Belting
(Circ. 1611)

Over-all Length
(Circ. 1703)

No. and Material of Decks

ONE STEEL.

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.)

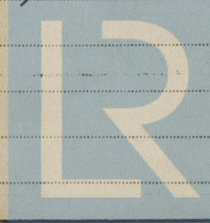
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Cap. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			OIL FUEL tank, PANDS. FRI 25-29,	7.0	12.5
Double bottom, if under Boilers only,			FRESH WATER tank, PANDS. FRI 19-21,	3.5	6.7
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

11-26-31 July 29th August 13th Sept 4-9 Oct 20-28 Nov 6th Dec 1951.
8th July 1952.



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Total No. of Visits //