

STEEL STEAMER or MOTORSHIP.

Received at London Office... APR 13 1938

PONTON BARGE ROCKBREAKER

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

9th April 1938.

Port of

HULL

No.

48776.

Survey held at

BEVERLEY AND HULL.

Date First Survey

21st OCTOBER 1937.

Last Survey

7th APRIL

1938

On the

(State if Machinery fitted with or without Tonnage Openings)

STEEL NON PROPELLED PONTON BARGE "JAMES ROCKBREAKER V.I.I."

State Type

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

FULL SCANTLING.

State Type of Erections

NONE

TONNAGE under Tonnage Deck...

236.03

CLASS 100A.I.

State if with freeboard as condition of Class

NO

Built at

BEVERLEY.

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

236.03

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

L 105.0

Launched

3rd FEBRUARY 1938

Yard No. 643.

Breadth (greatest moulded)

B 33.0

Builders

COOK, WELTON & GEMMELL.

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

D 9.0

Owners

JAMES DREDGING TOWAGE & TRANSPORT CO. LTD.

Total

236.03

Gross Tonnage

251.00

Register Tonnage

169.66

1st Longitudinal Number (L x D)

=

Managers

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

2nd Numeral L x (B + D)

=

Residence

GRAND BUILDINGS, TRAFALGAR SQUARE, LONDON.

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

=

Port of Registry

LONDON.

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

=

If surveyed while building, afloat, or in dry dock

Do. Long Bridge to top of keel

=

Draught Moulded

7'-2 1/8"

BUILDING AND AFLOAT.

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 3/8 length to Collision bulkhead	24	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
IDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle	4 3 30	✓	" " top Angles		
" " Extends up to	DECK	✓	" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 30	✓	Side Girders, No. each side and thickness		
" " Extends up to	ACROSS FLOORS	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4"	✓	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " " " "			" " Bracket forward 1/2 len. from stem		
Framing in Peaks, Angle	4 3 30	✓	" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" - 4 1/2"	✓	" " abaft 1/2 len. from stem		
State if Frame Joggled	No	✓	" " Gussets, spacing and scantling		
PAINTING ARRANGEMENTS (Sec. 7), state system and particulars			" " forward 1/2 len. from stem		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Tank Side Brackets, height above base line at toe of Frame and thickness		
SINGLE BOTTOM.			INNER BOTTOM PLATING.		
Floors, Depth and thickness at mid-line in Holds	18" x 30	✓	Breadth and thickness of Middle Line Strake		
Height of Brackets at side above base line at toe of frame	33" x 30	✓	Thickness of remainder in Holds		
Middle Line Keelson, on Floors, Angle, [or]	4 3 40	✓	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?		
" " " Through Plate or Intercoastal Plate	36" x 26	✓	BEAMS.		
" " " Foundation Plate on Floors	36" x 26	✓	Uppermost Continuous Deck, amidships	4 3 40	L ✓
" " " Flat Plate Keel Angles	3 3 26	✓	" " in Way, Angle, [or]	4 3 35	L HALF BEAMS. ✓
Side Keelsons, No. each side	2	✓	" " in way of Bridge, Angle, [or]	6 3 40	[✓
" " thickness of Intercoastal Plate	26 - 36 UNDER BOILER	✓	Spacing	24"	✓
" " Angles	Top 4 3 40	✓	SHELTER		
" " Bottom 3 3 26		✓	Second Deck, amidships, Angle, [or]	4 3 38	✓
DOUBLE BOTTOM.			Spacing	43 1/2" To 48"	✓
Solid Floors, thickness and spacing			Third Deck, amidships, Angle, [or]		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Fourth Deck, amidships, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		
			Poop Deck, Angle, [or]		
			Spacing		
			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, [or]		
			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.....	3 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 Wells25	✓
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	PILLARS 3 x 3, .30 ANGLES	✓	Thickness of Plating within line of openings...	.25	✓
„ „ „ „ „	PLATE DECK GIRDERS 18" x .30	✓	If Sheathed, material and thickness	5 x 2 1/4 TEAK	✓
Centre Line Bulkhead.			Third Deck.	PART SHEATHED	
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	62" x .35	✓	If Plated, state thickness		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	4 4 .40	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells35	✓	Plating, Sheathing, material and thickness		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.35	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	5 x 2 1/4 TEAK	✓	Plating, Sheathing, material and thickness		
SHELTER	OVER CREWS ACCOMMODATION.		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells...	x .25	✓	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)	3 ✓
„ Deck next below	✓
As per Rule	3 ✓

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 "				
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) OPEN HEARTH PROCESS. ✓
DORMAN LONG & CO LTD, CONSETT IRON CO LTD, SKINNINGROVE IRON CO LTD.
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.)

at Southampton when replenishing machinery is installed.

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

100A.1. "PONTON BARGE" ROCKBREAKER.

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 or Forecastle are joined to the B.D., this should be distinctly stated

Over-all Length 105'0"
(WITHOUT ROCK BREAKING APPARATUS)

No. and Material of Decks

100 STEEL

Official No. 166387; Signal Letters

Is bottom of vessel coated with cement

if not give

particulars of composition

BITUMASTIC ENAMEL (RED LEAD PAINT IN FEED TANKS)

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	11'0	48 ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	10'0	57 ✓
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, 2 FEED TANKS (1 PORT AND 1 STARBOARD)	12'0	29.2 (EACH)
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 (See Circular No. 1284).

Order for Special Survey No. 3160

Date

15th DECEMBER 1937

Dates of Surveys held while building

1937:— Oct 21. 26. 29. Nov. 2. 5. 10. 22. 29. Dec. 9. 16. 23. 30.

1938:— Jan 5. 11. 14. 20. 25. 31. Feb 2. 3. 17. 24. March 1. 12. 22. 28. 30. April 6. 7.

Total No. of Visits

29