

RECEIVED

17 APR 1950

IN D.O.

STEEL STEAMER OR DUMB BARGE MOTORSHIP.

14 APR 1950

Received at London Office

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 **21st MARCH 1950** Port of **SOUTHAMPTON** No. **20191**

Survey held at **SOUTHAMPTON** Date First Survey **9th MAY 1949** Last Survey **21st MARCH 1950**

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **DUMB BARGE 'MARTA'**

State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening) **FLUSH DECK DUMB BARGE FOR RIVER AND HARBOUR SERVICE** State Type of Erections **NONE**

TONNAGE under Tonnage Deck ...	CLASS LOCAL BARGE FOR R.H.S.	State if with freeboard as condition of Class NO	Built at SOUTHAMPTON
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 82.38	Launched 9th NOVEMBER 1949 Yard No. 246
Total	Breadth (greatest moulded)	B 26.37	Builders WHITES SHIPYARD (SOUTHAMPTON) LTD.
Gross-Tonnage 163	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)	D 8.82	Owners CHADWICK WEIR & CIA.
Register Tonnage	1st Longitudinal Number (L x D)	726.59	Managers
	2nd Numeral L x (B + D)	2898.9	(Where necessary to be entered in Reg. Book)
REGISTERED DIMENSIONS. FEET	Framing Depth "d," at middle of length. See Sec. 3 (1d)	8.00	Residence
Length 82.38	Proportions—Depth to Length—Uppermost continuous deck to top of keel	1/9.36	Port of Registry
Breadth 26.37 MLD.	Do. Long Bridge to top of keel	—	If surveyed while building, afloat, or in dry dock
Depth 8.82 MLD.	Draught Moulded 7.75 FT. LOADED		BUILDING
MEASURED FOR TONNAGE.			

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	19 1/2		Bracket Floors, Frame	—	
" " from 1/2 length amidships to Collision bulkhead			" " Reversed Frame	—	
" " in peaks			" " Vertical Struts	—	
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or]	ANGLE 3 1/2 2 1/2 5/16		" " top Angles		
" " Extends up to	UPPER DK.		" " bottom Angles		
" " ON 23 & 27			Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle	2 1/2 x 2 1/2 x 5/16	4 x 2 1/2 x 2 1/2 x 5/16 CHANNEL	Margin Plate depth (excl. of flange) and thickness		
" " Extends up to	UPPER DK.		" " Vertical Angle to Tank side		
VEB FRAMES FITTED ON NOS. 10.17.25.33.40.			Bracket abaft 1/2 len. from stem		
Depth of Framing Girder	PLATE 16 x 5/16 WITH 2 1/2 x 2 1/2 x 5/16		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			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 [3 x 2 1/2 x 5/16				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 7 DIAS.		INNER BOTTOM PLATING.		
State if Frame Joggled	NO		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			Thickness of remainder in Holds		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			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	10 x 5/16		Uppermost Continuous Deck, amidships in Wells, Angle, [or]	4 2 1/2 5/16	
Height of Brackets at side above base line at toe of frame	18		" " in way of Bridge, Angle, [or]		
Middle Line Keelson, or Floors / Angles	6 x 4 1/2 x 3/8 GIRDER SECTN.		Spacing		
" " Through Plate or Inter-costal Plate			Second Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side	ONE		Spacing		
" " thickness of Inter-costal Plate			Fourth Deck, amidships, Angle, [or]		
" " Angles	6 x 3 x 3/8 5 x 3 x 3/8 TEE.		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or]		
			Spacing		

				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				-	-	-					-	-	-
" in 'tween Decks, Size and Spacing				-	-	-					-	-	-
" " " " "				-	-	-					-	-	-
" in Holds " " "				1 AT	2 1/2"	012					-	-	-
" " " " "				-	-	-					-	-	-
Centre Line Bulkhead.													
Stiffeners and Spacing				-	-	-					-	-	-
Plating, thickness of				-	-	-					-	-	-
STRINGERS AND DECKS.													
Uppermost Continuous Deck.													
Stringer Plate, breadth and thickness in Wells				42"	5/16	✓					-	-	-
" " " " in way of Bridge				-	-	-					-	-	-
" Angle in Wells				3"	2 1/2"	5/16					-	-	-
Thickness of Plating abreast Deck openings } in way of Wells				5"	1/16	✓					-	-	-
Thickness of Plating abreast Deck openings } in way of Bridge				-	-	-					-	-	-
Thickness of Plating within line of openings...				5/16	✓						-	-	-
If Sheathed, material and thickness.....				2 1/2"	W. PINE	✓					-	-	-
Second Deck.													
Stringer Plate, breadth and thickness in Wells				-	-	-					-	-	-
Stringer Plate, breadth and thickness in way of Bridge				-	-	-					-	-	-
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.....				-	-	-					-	-	-
Third Deck.													
Stringer Plate, breadth and thickness.....				-	-	-					-	-	-
If Plated, state thickness				-	-	-					-	-	-
Fourth Deck.													
Stringer Plate, breadth and thickness.....				-	-	-					-	-	-
If Plated, state thickness.....				-	-	-					-	-	-
Poop Deck.													
Stringer Plate, breadth and thickness.....				-	-	-					-	-	-
Plating, Sheathing, material and thickness ...				-	-	-					-	-	-
Bridge Deck.													
Stringer Plate, breadth and thickness.....				-	-	-					-	-	-
Plating, Sheathing, material and thickness ...				-	-	-					-	-	-
Forecastle Deck.													
Stringer Plate, breadth and thickness.....				-	-	-					-	-	-
Plating, Sheathing, material and thickness...				-	-	-					-	-	-

STANTINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <small>State if jagged?</small>				BUTTS.			
	AMIDSHIPS.		FORWARD.			<small>SINGLE OR DOUBLE.</small>	<small>RIVETS.</small>		<small>No. OF ROWS OF RIVETS.</small>	<small>RIVETS.</small>		<small>STRAPPED OR LAPPED.</small>	
	<small>Breadth.</small>	<small>Thickness.</small>	<small>Thickness.</small>	<small>AFT.</small>			<small>Diam.</small>	<small>Spacing cr. to cr.</small>		<small>Diam.</small>	<small>Spacing cr. to cr.</small>		
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.			
Flat Plate Keel.....	60 ✓	5/16 ✓	5/16 ✓	5/16 ✓		SINGLE ✓	5/8 ✓	2½ ✓	2 ✓	5/8 ✓	2¾ ✓	LAPPED ✓	
" Dblig. (if any)	-	-	-	-		-	-	-	-	-	-	-	
Bottom Plating, No. of Strakes 2	60	5/16 ✓	5/16 ✓	5/16 ✓		SINGLE ✓	5/8 ✓	2½ ✓	2 ✓	5/8 ✓	2¼ ✓	LAPPED ✓	
Bilge Plating, No. of Strakes 1	42	5/16 ✓	5/16 ✓	5/16 ✓	BILGE STRAKE SPLIT AND WELDED F&A ENDS ✓	SINGLE ✓	5/8 ✓	2½ ✓	FLUSH BUTT WELDED . FLAME CUT	EDGE PREP ^d			
Side Plating, No. of Strakes 2	60	5/16 ✓	5/16 ✓	5/16 ✓		SINGLE ✓	5/8 ✓	2¼ ✓	2 ✓	5/8 ✓	2¼ ✓	LAPPED ✓	
Upper Deck, Sheer- strake in Wells.....	-	-	-	-		7 RIVETS IN							
Upper Deck, Sheer- strake in Bridge ...	-	-	-	-		EACH FR. SP.							
Strake below Sheer- strake in Wells.....	-	-	-	-		EXCLUDING FRAME RIVET ✓							
Strake below Sheer- strake in Bridge ...	-	-	-	-									
Poop Side Plating.....	-	-	-	-									
Bridge Side Plating.....	-	-	-	-									
Forecastle Side Plating	-	-	-	-									

Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) TWO ✓
 „ Deck next below -
 As per Rule -

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, But	PLATE	60 x 3/4	BUILDERS	—
STEM	PLATE	24 x 1/2	BUILDERS	—
STERN FRAME { Propeller Post	—	—	—	—
{ Rudder	PLATE	24 x 1/2	BUILDERS	
Speed of Vessel	TOWED SINGLE PLATE.	BARGE 54 x 24 x 3/4		
RUDDER—Type	35-68			
" A x D.	FORGING	3 1/2	BUILDERS	
" Diam. of head	—	4 1/4	—	
" Mainpiece at top pintle	—	2 3/4	—	
" " heel	SINGLE PLATE			
" how constructed	NONE.			
" double or single plate coupling, vertical or horizontal				

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks		—	—	—	—	—
"	"	Second	"	—	—	—
"	"	Third	"	—	—	—
"	"	Holds	—	—	—	—
COLLISION		(in Hold)	$\frac{5}{16}$ ✓	$4 \times 2\frac{1}{2} \times 3\frac{1}{8}$ ✓ ANGLE	$2' - 9\frac{1}{2}"$	—
AFTER PEAK			$\frac{5}{16}$ ✓	$4 \times 2\frac{1}{2} \times 3\frac{1}{8}$ ✓ ANGLE	$2' - 9\frac{1}{2}"$	—

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

APPLEBY FRODINGHAM MADE BY OPEN HEARTH PROCESS

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

[illegible]

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.		
	Fathoms.	Diam.	Stain- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Diam.		Fathoms.	Ins.	Fathoms.
80030	60	3/8	13 3/4	20 25/32	24	2 0	45.5	45	5/8	STUD LINK	N. HANGLEY	L. P. H. CROLEY HEATH	TOWLINE	-	-	-	-	-
80031	60 3/4	3/8	13 3/4	20 25/32	24	2 0				STUD LINK				2 SONS. LTD.	22/3/1949	HAWSEYS & WARPS	60	4 1/2
	120 3/4											H. PHILLIPS.	"	60	3	HEMP	AS APPROVED.	
Iron Stream Chain or Steel Wire		Cir.							Cir.				"					

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.		
	Fathoms.	Diam.	Stain- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Diam.		Fathoms.	Ins.	Fathoms.
80030	60	3/8	13 3/4	20 25/32	24	2 0	45.5	45	5/8	STUD LINK	N. HANGLEY	L. P. H. CROLEY HEATH	TOWLINE	-	-	-	-	-
80031	60 3/4	3/8	13 3/4	20 25/32	24	2 0				STUD LINK				2 SONS. LTD.	22/3/1949	HAWSEYS & WARPS	60	4 1/2
	120 3/4											H. PHILLIPS.	"	60	3	HEMP	AS APPROVED.	
Iron Stream Chain or Steel Wire		Cir.							Cir.				"					

Steering Gear, Type (Power or hand) HAND TILLER ✓ Alternative Means of Steering TACKLES ✓

Steering Chains (Size and Test) ————— Windlass HAND DOUBLE PURCHASE Boats. —————

Ceiling in Holds, thickness and material 2" WHITE PINE ✓ Cargo Battens, thickness, material and spacing 14" CRS ✓

Cargo Hatchways.—(Upper Deck) $21'-4\frac{3}{4}" \times 19'-3"$ Two Thickness of Hatches 2" WHITE PINE

Size of Hatchways No. 1 (Fwd.) 21'-4³/₄" x 19'-3" No. 2 21'-4³/₄" x 19'-3" No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters } 4 SHIFTING BEAMS 2 PER HATCH 17" CR 11 SIDE 3/8" WEB PLATE 3" x 2 1/2" x 3/8" DOUBLE BARS TOP AND BOTTOM.

Builder's **WHITES SHIPYARD, (SOUTHAMPTON) LTD.**

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..... 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 (where required to be inserted in the Notation).

THE VESSEL HAS BEEN BUILT IN CONFORMITY WITH THE SOCIETY'S RULES AND REGULATIONS & THE SECRETARY'S LETTERS.

THE SCANTLINGS & ARRANGEMENTS ARE IN ACCORDANCE WITH OR EQUIVALENT TO THOSE SHOWN ON THE APPROVED PLANS.

THE MATERIALS AND WORKMANSHIP ARE GOOD. ✓ THE SHELL, WEATHER DECKS AND WATERTIGHT BULK HEADS ✓

HAVE BEEN HOSE TESTED AND THE BOTTOM SHELL FLOOD TESTED AND FOUND SATISFACTORY. THE FORE AND

✓ AFTER PEAKS HAVE TESTED AS REQUIRED BY RULES AND FOUND SATISFACTORY. ✓ THE VESSEL WAS EXAMINED

ALL STOCKS AND FOUND IN GOOD CONDITION. THE RUDDER & HAND PUMPS WERE TRIED AND FOUND SATISFACTORY.

THE COFFEE IS BEING SHIPPED ABOARD ON A VESSEL'S DECK AND WILL BE EXAMINED IF POSSIBLE PRIOR

TO SUPPLEMENT WHEN A REPORT IS WILL BE FORWARDED.

FORGING REPORTS AND "AS CONSTRUCTED" PLANS ARE FORWARDED HERE WITH.

DATE OF LAUNCH 9TH NOVEMBER 1949

The amount of Entry Fee..... £ : : } Fees applied for, (Special notations, where part of class, to be stated.)

Special Survey Fee..... £38 : 10 : 0 }

Travelling Expenses, if any £ 2 : 12 : 8) 19.....

State whether the Vessel has been built under Special Survey. YES *Ed. Hart*

WILLIAM SILVERMAN (SILVERMAN) P. 107-7-77

FBI 28 APR 1950

Committee's Minutes ✓ 1900-1901 "T. P. in Harbor Service"

Lloyds A & C.P.

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Lloyd's Register
Foundation

010943 - 010952 - 01252 1/2

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.)

GENERAL ARRANGEMENT, SHELL PLATING PLAN, BULKHEAD PLAN, RUDDER PLAN ARE FORWARDED HEREWITH.

THE FOLLOWING FORGING REPORTS ARE FORWARDED. RUDDER AND TILLER.

SISTER SHIPS. WHITE'S YARD NO 244 DOMBARGE "MARIA" REPORT NO 20069 50 TON.
" " " 245 " " "EMILIA" " 20070 "

PARTICULARS OF ELECTRIC WELDING (if employed) BILGE SEAMS FORE AND AFT ENDS. HATCH COAMINGS, BUTTS.
BILGE STRAKE BUTTS.

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

" BARGE FOR RIVER & HARBOUR SERVICE

RADAR Equipment (State if fitted)

State Type or Pattern No.

State Name of Maker and/or 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.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.

Official No. NOT ASSIGNED Signal Letters NOT ASSIGNED Extreme Breadth over Belting 27.51

Over-all Length 87.12 OVER BELTING AND RUDDER.

No. and Material of Decks. ONE STEEL

Parts of Bottom of Vessel coated with cement or approved composition. COATED WITH WAILES DOVE BITUMASTIC ENAMEL TO TOP FLOOR.

WAILES DOVE SOLUTION 1/4" THICK OVER BOTTOM PLATING.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	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 length (if continuous) and Capacity	—	—	(If necessary furnish further information by sketch.)	—	—

Order for Special Survey No.

Date 28/8/47

Dates of Surveys held while building

1949. MAY 9. JUNE 8. 10. JULY 1 AUG. 5 + 24 SEPT 2. 9. OCT. 18. 24. 26. 31
NOV. 1. 3. 9. 15.
1950 MAR 21.

Total No. of Visits 17.



Lloyd's Register Foundation

For S.S. O.F. see main ship Sailing IV. Yd No. 242.