

24 NOV 1956

LIGHTER

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. 30 November 1956 Port of HULL No. 6254

Survey held at Thorne Date First Survey 23 8. 56. Last Survey 3rd October 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Dumb Lighter C 864

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

nder }
S. ... }

~~or spaces
age Dk.
Dk.~~

age

RED DIMENSIONS.
FEET

41 Pontoon for
CLASS Harbour & Estuary Service } State if with freeboard
as condition of Class }

Length from fore part of stem to after part of stern } L 65.00
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) } B 25.00

Depth, at middle of length from top of keel to top } D 7.50
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)

1st Longitudinal Number ($L \times D$).....=

2nd Numeral $L \times (B + D)$ =

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

Proportions—Depth to Length—Uppermost con- }
tinuous deck to top of keel}

Do. Long Bridge to }
top of keel }

Draught Moulded (Design) 4 ft. 3 in.

State Type of Erections *Flat topped*

Built at Thorne

Launched Yard No. 918

Builders Richard Dunston Ltd.

Admiralty

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

Residence

Port of Registry.....

If surveyed while building, afloat, or in dry dock
Whilst building.

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.
S, Spacing amidships.....		21	/	Bracket Floors, Frame			
" from $\frac{3}{8}$ length amidships to Collision bulkhead.....		21	/	" " Reversed Frame.....			
" in peaks		21	/	" " Vertical Struts			
RAMING.				Centre Girder, depth and thickness amidships			
Amidships, Angle, E or F angle		4 x 3 x .30	/	" " top Angles			
" Extends up to.....		deck	/	" " bottom Angles.....			
sed Frame Amidships, Angle		-		Side Girders, No. each side and thickness.....			
" Extends up to		-		Margin Plate depth (excl. of flange) and thickness			
of Framing Girder.....		4	/	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem			
s in Uppermost Continuous 'tween Decks, Angle, [or]		-		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area			
" Second 'tween Decks, Angle, [or]		-		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....			
" Third " " " "		-		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area			
from $\frac{1}{2}$ len. for'd. to 15% len. from Stem		4 x 3 x .30	/	Tank Side Brackets, height above base line at toe of Frame and thickness			
in Peaks, Angle or [.....		4 x 3 x .30	/	INNER BOTTOM PLATING.			
ter and Spacing of Rivets through Frame and Shell Plating amidships		$\frac{5}{8}$; $4\frac{3}{8}$	/	Breadth and thickness of Middle Line Strake...			
if Frame Joggled.....		no	/	Thickness of remainder in Holds			
he scantlings and arrangements in the 'tween Area in accordance with the Rules 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 ?.....			
he scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?.....		as approved	/	BEAMS.			
LE BOTTOM.				Uppermost Continuous Deck, amidships in Wells, Angle, E or F		5 x 3 x .34	angle
ors, Depth and thickness at mid-line in Holds.....		12 x $3\frac{1}{2}$ x 26.37 lbs	/	" " in way of Bridge, Angle, [or]		-	
Height of Brackets at side above base line at toe of frame.....		21"	/	Spacing		Every frame	/
dle Line Keelson, on Floors, Angles, [or]		double angles 3 x 3 x .26	/	Second Deck, amidships, Angle, [or]			
" " " Through Plate or Inter-castal Plate		15 x .30	/	Spacing			
" " " Foundation Plate on Floors		none	/	Third Deck, amidships, Angle, [or]			
" " " Flat Plate Keel Angles		single intercostal lug 3 x 3 x .26	/	Spacing.....			
de Keelsons, No. each side.....		one	/	Fourth Deck, amidships, Angle, [or]			
" " thickness of Intercostal Plate.....		.24	/	Spacing.....			
" " Angles		single continuous angle 4 x 3 x .28	/	Poop Deck, Angle, [or]			
Spacing.....				Spacing.....			
BLE BOTTOM.				Bridge Deck, Angle, [or]			
lid Floors, thickness and spacing				Spacing.....			
" " Are Frame and Reversed Frame joggled ?				Forecastle Deck, Angle, [or]			
acket Floors, breadth and thickness at middle line				Spacing.....			
" " breadth and thickness at margin plate.....							

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PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows	Two		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 " " "	Solid 2 3/8" dia.		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 Continuous Deck. Stringer Plate, breadth and thickness in Wells	62 x 5/16		Fourth Deck. Stringer Plate, breadth and thickness
" " " " in way of Bridge	-		If Plated, state thickness
" Angle in Wells	3 x 3 x 5/16		Poop Deck. Stringer Plate, breadth and thickness
Thickness of Plating abreast Deck openings in way of Wells	5/16		Plating, Sheathing, material and thickness
Thickness of Plating abreast Deck openings in way of Bridge	5/16		Bridge Deck. Stringer Plate, breadth and thickness
Thickness of Plating within line of openings	Not sheathed		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.						
					State if Joggled.						
	AMIDSHIPS.	FORWARD.	AFT.		SINGLE OR DOUBLED.	RIVETS.					
	Breadth.	Thickness.	Thickness.	Thickness.		Diam.	Spacing cr. to cr.	No. OF ROWS OF RIVETS.	Diam.	Spacing cr. to cr.	STRAPPED LAPPED.
Flat Plate Keel		36	36	36							
" Dblg. (if any)		-	-	-							
Bottom Plating, No. of Strakes		36	36	36							
Bilge Plating, No. of Strakes	Chine angle 4 x 4 x 3/8										
Side Plating, No. of Strakes	5/16	5/16	5/16								
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.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.			
Extending to Upper Deck (Sec. 3 c)				Scantlings.			
" Deck next below				Maker's Name.			
As per Rule				Any Dep. from App. Plans to be			
STIFFENERS.				Fees applied for,			
MIDSHIP BULKH'D, Upper 'tween decks	Plating Thickness.	VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
" " Second							
" " Third							
" " Holds							
COLLISION (in Hold)	30	4 x 3 x 30	E.W. Toorn	30			
AFTER PEAK							
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)							
Plates & Sections :- Appleby Frodingham, Southorpe							
Has the Steel been tested as required by the Rules? Yes.							

EQUIPMENT No.										LETTER										ANCHORS.									
Anchors.										Description of Anchor.										Where and when tested, and Superintendent.									
350 1st Bower										Ordinary pattern (E.W.) from stock										B. Hingley 31/5/56									
2nd "																				H. Phillips									
3rd "																													
Collective weight																													
Stream																													

CHAIN CABLES.										HAWERS AND WARPS.									
Length and size supplied.										Length and size supplied.									
Test per Certificate.										Test per Certificate.									
172 4 5/16 5/8 4 5/8 9 1/4 10-2-14 10 1/2 4 5/8 5/8										7 3 18.6 7 3 15 5 15 5									
Cir.										Cir.									

ring Gear, Type (Power or hand)		Alternative Means of Steering	
None		None	
ring Chains (Size and Test)		Windlass	
None		Hand operated	
ing in Holds, thickness and material		Cargo Battens, thickness, material and spacing	
None		None	
go Hatchways.—(Upper Deck)		Thickness of Hatches	
Manholes 18' x 13' with W.T. bolted plate covers		-	
e of Hatchways No. 1 (Fwd.)		No. 2	
-		-	
No. 3		No. 4	
-		-	
No. 5		No. 6	
-		-	

Builder's Signature		PEN PRO. RICHARD DUNSTON, LTD.	
H. Grawn			

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

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. 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).

This vessel has been fabricated under Special Survey, completely assembled means of bolts and afterwards dismantled for shipment to her service port. The work so far carried out has been effected in accordance with the approved plans and the Secretary's letters. All modifications or additions made during construction have been dictated on the approved plans now forwarded. The materials and quality of workmanship found good.

It is recommended this vessel will be eligible to have the class "Portoon", for Harbour & Estuary Service, when the Special Survey has been completed.

Fees applied for,		Received by me,	
Amount of Entry Fee	£ 100.00	19.56	
Special Survey Fee	£ 50.00	19.56	
Travelling Expenses, if any	£ 2.16.00	19.56	
I am of opinion the Vessel should be Classed		Signature	
Yes		K. J. Naisby	
Certificate to be sent to		Date of issue	
Bull.		13/5/58	
Committee's Minute		THURSDAY 13 DEC 1956	
Character assigned		Deferred for Completion	



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.)

This lighter is a sister vessel to "C 863" Hal. F.E. Rpt No. 62573.

Approved, plans sent with sister vessel "C 863"

"As Built" plan of Steelwork (No. 5536/28) attached.

Rise of Floor—Nil.

PARTICULARS OF ELECTRIC WELDING (if employed) bulkhead stiffeners; bulkhead plating to boundary angle; butts of gunwale & chine angles; beams to deck girders.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
Pl. Elec. welded; L A C P.

RADAR Equipment (State if fitted) Not 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.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. Signal Letters Extreme Breadth over Belting 25.6 ft Over-all Length 65.6 ft

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 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 length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3731

Date 6.1.55.

Dates of Surveys
held while building

1956 Aug 23rd Sept 6th, 18th, 28th Oct. 3rd



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Lloyd's Register

Total No. of Visits 5