

RECEIVED

7 SEP 1951

IN D.O.

BARGE

# STEEL STEAMER OR MOTORSHIP.

Received at London 13 SEP 1951

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 Port of NEWCASTLE-ON-TYNE No. 108687

Survey held at WALLSEND-ON-TYNE Date First Survey 29/3/50 Last Survey 10/9/51 19

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) BARGE "CLELANDS YARD No. 161" NONE PROPELLED

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) BARGE "FOR COASTAL SERVICE BETWEEN CHITTAGONG & Dacca" State Type of Erections NONE

TONNAGE under Tonnage Deck ... CONTEMPLATED CLASS 100A1-BARGE State if with freeboard as condition of Class - DISMANTLED Build at WALLSEND-ON-TYNE

Do. of space or spaces between Tonnage Dk. and Upper Dk. FOR COASTAL SERVICE BTN CHITTAGONG & Dacca Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 190.0 DISMANTLED Launched 5th SEPTEMBER 1951 Yard No. 161

Total Breadth (greatest moulded) B 30.0 Builders MEBROS CLELANDS (SUCCESSORS) LTD

Gross Tonnage D 12.5 Owners RNER STEAM NAV. CO. LTD

Register Tonnage 5700 Managers - (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS. FEET Residence -

Length 190.0 Port of Registry INDIA

Breadth 30.0 If surveyed while building, afloat, or in dry dock

Depth 12.5 WHILE 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.
FRAMES, Spacing amidships	24" ✓		Bracket Floors, Frame		
" " from 1/3 length amidships to Collision bulkhead	24" ✓		" " Reversed Frame		
" " in peaks	24" ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E or C</u>	6" 3" 27		" " top Angles		
" " Extends up to	UPPER DECK		" " 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	6" ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>C</u> or <u>C</u>	-		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, <u>C</u> or <u>C</u>	-		" " 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	6" 3" 27		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <u>C</u>	6" 3" 27		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" DIA 7 DIAS.		Breadth and thickness of Middle Line Strake		
State if Frame Joggled	NO ✓		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES ✓		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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Walls, Angle, <u>E or C</u>	6" 3" 27	
Floors, Depth and thickness at mid-line in Holds	17" x 3 1/2" x 3 1/2" x 3/8" ✓		" " in way of Bridge, Angle, <u>C</u> or <u>C</u>	-	
Height of Brackets at side above base line at toe of frame	-		Spacing	EVERY FRAME	
Middle Line Keelson, on Floors, Angles, <u>E or C</u>	5" 3" 38 O.A. DOUBLE		Second Deck, amidships, Angle, <u>C</u> or <u>C</u>		
" " Through Plate or Inter-costal Plate	3/4" - 3/8		Spacing		
" " Foundation Plate on Floors	-		Third Deck, amidships, Angle, <u>C</u> or <u>C</u>		
" " Flat Plate Keel Angles	3" 3" 38 DOUBLE		Spacing		
Side Keelsons, No. each side	-		Fourth Deck, amidships, Angle, <u>C</u> or <u>C</u>		
" " thickness of Inter-costal Plate	-		Spacing		
" " Angles	-		Poop Deck, Angle, <u>C</u> or <u>C</u>		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, <u>C</u> or <u>C</u>		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, <u>C</u> or <u>C</u>		
" " 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 .....ONE.....(ON CENTRE LINE)					Stringer Plate, breadth and thickness in way of Bridge .....				
" AFTER PEAK in 'tween Decks, Size and Spacing 1@ 4" 3 1/2" 34 OA.					Thickness of Plating abreast Deck openings in way of Wells .....				
" FORE PEAK " " 1@ 4 1/2" 4 1/2" 38 OA.					Thickness of Plating abreast Deck openings in way of Bridge.....				
" in Holds (2 IN EACH HOLD) 4 1/2" 4 1/2" 38 OA.					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 60" x 38					Fourth Deck. Stringer Plate, breadth and thickness.....				
" " " " in way of Bridge -					If Plated, state thickness.....				
" Angle in Wells 3" 3" 38					Poop Deck. Stringer Plate, breadth and thickness.....				
Thickness of Plating abreast Deck openings in way of Wells 38					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... 38					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.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
Flat Plate Keel.....	60	38	38	38		DOUBLE	3/4	3	TWO	3/4	3	LAPPED.
" Dblg. (if any)	-	-	-	-		-	-	-	-	-	-	-
Bottom Plating, No. of Strakes 2	60	38	38	38		DOUBLE	3/4	3	TWO	3/4	3	LAPPED
Bilge Plating, No. of Strakes 2	4 1/2	38	38	38		DOUBLE	3/4	3	TWO	3/4	3	"
Side Plating, No. of Strakes	-	-	-	-		-	-	-	-	-	-	-
Upper Deck, Sheer-strake in Wells	60 1/2	38	38	38		DOUBLE	3/4	3	TWO	3/4	3	LAPPED.
Upper Deck, Sheer-strake in Bridge	-	-	-	-		-	-	-	-	-	-	-
Strake below Sheer-strake in Wells	60	38	38	38		DOUBLE	3/4	3	TWO	3/4	3	LAPPED.
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 Upper Deck (Sec. 3 c) 7

Deck next below -

As per Rule 7 APPROVED

# STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second "					
" " Third "	Nº 14	26-28	5' x 2 1/2" x 25 BA	27-28 1/2	
" " Holds 28, 42, 56, 70	26-28	4 x 2 1/2" x 25 BA	27-28 1/2		
COLLISION " (in Hold)	85	26-28	6 x 3 x 27 BA	24	
AFTER PEAK "	8	26-28	5 x 3 x 26 BA	24 x 30	

# FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				FLAT PLATE
STEM				38 PLATE STEM
STERN FRAME				1" M.S. SKEG
Speed of Vessel				NOT TO BE TOWED OVER 10 KNOTS.
RUDDER—Type				SEMI-BALANCED.
" A x D.				30
" Diam. of head				3 3/4
" Mainpiece at top				3 3/4
" " heel "				5 1/2
" how constructed				PLATE WELDED TO ARMS + MAINPIECE
" double or single plate coupling, vertical or horizontal				SINGLE
				NONE

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

STEEL.

CONSETT IRON CO. LTD., DORMAN LONG & CO LTD

app 5 x 2 1/2 x 36 = 1/4 300.

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

Lloyd's Register Foundation



Nº 108687.

EQUIPMENT No.										LETTER	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
70803	1st Bower	10	0	7	-	-	-	12	2	0	21	✓	BRITANNIC (C.S. HEAD) R. SYKES & SON LTD LPH-CH 17.5.51 H.P. ✓
70805	2nd "	10	0	21	✓	-	-	12	4	1	14	✓	- do - ( - do - ) - do - LPH-CH 17.5.51 H.P. ✓
70809	3rd "	10	0	21	✓	-	-	12	4	1	14	✓	- do - ( - do - ) - do - LPH-CH 17.5.51 H.P. ✓
70852	Collective weight	10	0	12	-	-	-	12	2	0	21	✓	- do - ( - do - ) - do - LPH-CH 25.5.51 H.P. ✓
	Stream												

CHAIN CABLES.										HAWSERS AND WARPS.									
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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
																		Fathoms	Ins.
83429	90	1 1/8	22 3/4	34 1/8	59	1	24	90	1 1/8	STUD LINK	R. SYKES & SON LTD	LPH-CH 28.3.51 H.P.	TOWLINE	75	2 1/4	15.2	75	2 3/4	
83430	90	1 1/8	22 3/4	34 1/8	59	2	0	90	1 1/8	STUD LINK	- do -	LPH-CH 28.3.51 H.P.	HAWSERS & WARPS }	50	6		90	6	
83635	90	1 1/8	22 3/4	34 1/8	59	2	0	90	1 1/8	STUD LINK	- do -	LPH-CH 25.4.51 H.P.		"					
Stream Cable or Steel Wire	60	3	18.6					60	3	6/12 SWR	R. HOOD HASSIE	BY MAKERS 17.3.50	"						
		6 1/2												TESTED BY MAKERS	17.3.50				

Steering Gear, Type (~~Power~~ hand) By T. REID & SONS (PAISLEY) LTD Alternative Means of Steering HAND TILLER.

g Chains (Size and Test) 5/8 DIA. TEST 4 5/8 TONS. LPH CH 17.10.50 Nº 58424 H.P. Windlass By T. REID & SONS (PAISLEY) LTD Boats 1 - To Supply by Owners.

in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing NONE

Hatchways.-(Upper Deck) STEEL PLATES & ANGLES Thickness of Hatches (STEEL) 3/4"

Hatchways No. 1 (Fwd.) 8'-0" x 11'-6" No. 2 8'-0" x 11'-6" No. 3 8'-0" x 11'-6" No. 4 8'-0" x 11'-6" No. 5 8'-0" x 11'-6" No. 6 -

of Shifting Beams } NONE. FOR AND ON BEHALF OF CLELANDS (SUCCESSORS) LIMITED.

or Fore and Afters } Builder's Signature

AL 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).

ENDS OF THIS SHIP HAVE BEEN ERECTED, AND REMAINDER OF VESSEL CAREFULLY CHECKED FROM STOCKPILE (DUPLICATE PARTS OF SISTER SHIP ERECTED & SATISFACTORY). UNDER SPECIAL SURVEY IN CONFORMITY WITH THE SOCIETY'S RULES & REGULATIONS AND SECRETARY'S ORDERS. THE SCANTLINGS AND ARRANGEMENTS OF THE VESSEL ARE AS GIVEN IN THE REPORT AND AS SHOWN & AMENDED ON THE APPROVED PLANS NOW FORWARDED. ALL MODIFICATIONS OR ADDITIONS TO THE ORIGINAL APPROVED ARRANGEMENTS MADE DURING CONSTRUCTION HAVE BEEN INDICATED ON THE PLANS AND HAVE BEEN APPROVED AS BEING IN ACCORDANCE WITH, OR BY STANDARDS EQUIVALENT TO, THE RULE REQUIREMENTS.

THE PLANS OF MIDSHIP SECTION & PROFILE & DECK SHOWING THE VESSEL AS ERECTED, NOW FORWARDED HERewith HAVE BEEN CHECKED WITH THE APPROVED ARRANGEMENTS & FOUND IN ORDER.

THE MATERIAL & WORKMANSHIP ARE GOOD. THE VESSEL IS NOW DISMANTLED FOR SHIPMENT OVERSEAS. ✓

\* NOTE.- THE ANCHORS & CABLE CERTIFICATES HAVE NOT BEEN ENDORSED AT THIS TIME.- BUILDERS WILL FORWARD TO OWNERS.

The amount of Entry Fee..... £ - : - : - Fees applied for, 12 SEP 1951

Special Survey Fee..... £ 85 : 0 : 0 Received by me, 19

(EXCLUDING COMPLETION).

Travelling Expenses, if any ..... £ - : - : -

State whether the Vessel has been ~~built~~ under Special Survey YES.

Certificate ~~to be~~ sent to NWC. Date of issue 22/10/53.

Committee's Minute X FEB. 2 OCT 1951

Character assigned Defered.

White Cal. ✓

See Cal. Ref. 8 Nº 15714.

Signature John. M. Taylor. Surveyor to Lloyd's Register of Shipping.

02270



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 IS A SISTER VESSEL TO CLELANDS YARD NO 160. NEWCASTLE REPORT NO 108573.

THE FOLLOWING APPROVED PLANS RETAINED FOR DEALING WITH SISTER SHIPS.

- 1 GENERAL ARRANGEMENT & STRUCTURAL DETAILS.
- 2 MAIN DECK.
- 3 SHELL & FRAMING EXPANSION
- 4 KEEL & CENTRE GIRDER.
- 5 BULKHEAD PLAN.
- 6 SKEG RUDDER & STERN.
- 7 W.T. GARBO HATCHES.
- 8 STEERING GEAR LEADS.
- 9 ANCHOR RECESSES & HAWSE PIPES.
- 10 DECKHOUSES & ACCESS HATCHES.
- 11 CREW FLAT.
- 12 BILGE SUCTION & SOUNDING ARRANGEMENTS.

THE FOLLOWING PLANS "AS ERECTED" ARE FORWARDED WITH REPORT.—

- 1 GENERAL ARRANGEMENT & STRUCTURAL DETAILS.
- 2 MAIN DECK.
- 3 SHELL & FRAMING EXPANSION

STEEL INVOICES ENCLOSED HERewith.

PARTICULARS OF ELECTRIC WELDING (if employed) KNUCKLE IN SHEER STRAKE F & A, RUDDER.

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

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	6.0.5	A.E.G.	4866	29.3.51
2nd "	5.3.26	A.E.G.	4890	5.4.51
3rd "	6.0.4	A.E.G.	4898	5.4.51
4th "	6.0.3	A.E.G.	4867	29.3.51

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 20' - 4 3/4" Over-all Length 198' - 7" (Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE DECK (STEEL)

Parts of Bottom of Vessel coated with cement or approved composition NIL DONE

Particulars of composition (if fitted) and of approval No.

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. 5921

Date 21/9/49

Dates of Surveys held while building

1950 MAR. 29, MAY 26, OCT. 30, NOV. 3, 13, DEC. 21 1951 JAN. 10, FEB. 9, 14, 22 MAR. 5, 31, APR. 4, 17, AUG. 9, 10, 13, 17, 20, 22, 28 SEPT. 10

Total No. of Visits 21

No.  
Reg. B.

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REPAIRS,

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Note.

Docking.

SUMMARY O

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Caulking of Deck

Coamings

Beams & Fastenin

Outside Plating

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Breasthooks

Transoms

Frames

Reverse Frames

Longitudinals

Transverses

Floors

Keelsons

Stringers

Inner Bottom Platin

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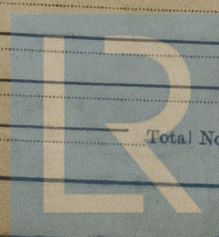
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Travelling expenses (if

Second Surveyor's Fee

Committee's Min

Character Assign



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Foundation