

DISCLOSED SECTION

Rpt. 1
10 OCT 1959

Port GREENOCK.

28 OCT 1959

No. 26491.

DISCLOSED SECTION

Date of completing report 5.10.59.

When handed in at Local Office 9th OCTOBER, 1959 Received London

Survey held at PORT GLASGOW.

First Visit 26th Nov. 1958. Last Visit 24th SEPTEMBER 1959. No. of Visits 6th.

F.E. FROM ACCTS.	30/10
F.E. FROM ADMIN/F	2/11.
PLANS RECD	30/10
CERTS. RECD.	30/10.
TO RPTS. DEPT.	2/11

FIRST ENTRY SHIP REPORT

ON THE ~~SS~~/MS TWIN SCREW VEHICULAR & PASSENGER FERRY. "MAKOURIA"

Has Report been sent on (1) Freeboard of Ship? YES. ✓ (2) Machinery? YES. ✓

(Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

Type of Ship VEHICULAR & PASSENGER FERRY. Is machinery fitted aft? YES. ✓

Length (D 201 of Rules)* 172'0" ✓
 Breadth (D 202 of Rules) 35'0" ✓
 Depth (D 203 of Rules) 11'25" ✓
 Draught (summer moulded) (D 204 of Rules) 7'0" ✓
 Deck Factor "F" excluding d_t ✓
 " " "F" including d_t ✓
 Gross tonnage 560.96.
 Net tonnage 256.09.
 Official number WILL BE ALLOCATED AT GEORGETOWN.
 Signal letters ✓

Built at PORT GLASGOW.
 Launched 23rd July, 1959. Yard No. 428.
 Builders FERGUSON BROS. (P.G.) LTD.
PORT GLASGOW.
 Owners BRITISH GUIANA RAILWAYS.
 Address GEORGETOWN.
 Managers ✓
 Address ✓
 Port of Registry GEORGETOWN.
 Date of last survey in drydock 5.9.59

GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters? YES. ✓

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements? YES. ✓

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements? YES. ✓

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order? YES. ✓

Are the materials and workmanship satisfactory? YES. ✓

Have the freeboards been satisfactorily marked on the ship's sides and verified? YES. ✓

BUILDER'S DECLARATION: To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

FERGUSON BROTHERS (PORT-GLASGOW), LTD.
W. J. Manson DIRECTOR
Builder's Signature

FEES, etc.

Special Survey fee PAST ENTRY. £286. 0. 0. ✓

Freeboard. £24. 0. 0. ✓

Travelling expenses ✓

Late attendance fees ✓

Fees applied for Received

Classification Certificate to be sent to GREENOCK OFFICE.

Date of issue 1.3.60

Has an Interim Certificate been issued? YES.

This Ship in my opinion is eligible to be classed:— * A1. "P&S SERVICE"
(Special notations where part of class to be stated)
ON THE RIVERS SERVICE, DEMARARA & ESSIQUIBO

Note: The above notation is subject to a satisfactory examination by the Society's Surveyors when the vessel reaches South America.

Signature William J. Featou.
Surveyor(s) to Lloyd's Register of Shipping

GLASGOW 27 OCT 1959

Committee's Minute
Character Assigned Deferred for completion

* In the case of Trawlers see Trawler Rules

The Surveyors are requested not to write on or below the Committee's Minutes



© 2021

Lloyd's Register Foundation

STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— *COLVILLE LTD; THE STEEL COMPANY OF SCOTLAND; CONSETT IRON CO. LTD; SMYTH & McLEAN LTD.*

Sections:— *COLVILLE LTD; DORMAN LONG; SKINNERSONE IRON CO. LTD.*

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? *YES. ✓*

Process of manufacture (e.g. Open hearth, electric furnace, etc.) *OPEN HEARTH. ✓*

Particulars of Special Quality Steel used *NONE.*
(Advice notes to be forwarded separately with plan showing disposition of these plates)

ELECTRIC WELDING

Parts of main structural importance electrically welded *W.T. & O.T. GULNHED SEAMS, BUTTS & STIFFENERS; DECK BUTTS & SEAMS; SHELL BUTTS; ENGINE SEATS; RUDDERS; SKEG; TURNABLE RECESS; PROPELLER BRACKET; S;*

Parts examined by radiography *NONE.*

Were the electrodes used of types approved by the Committee? *YES. ✓*

FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	<i>MILD STEEL (6" x 1 1/2")</i>	—
Shaft brackets	<i>MILD STEEL FABRICATED.</i>	<i>FERGUSON BROS, (P. 6) LTD. (BUILDERS.)</i>
Sternframe	—	—
Rudder mainpiece or post	<i>FORGING.</i>	<i>T. S. FORSTER & SONS. LTD. ✓</i>
Rudder head	<i>FORGING.</i>	<i>T. S. FORSTER & SONS LTD. ✓</i>
Quadrant & Rack.	<i>MILD STEEL FABRICATED.</i>	<i>A. H. MAIR LTD., FOR VICKERS ARMSTRONGS (ENG.) LTD. ✓</i>
Tiller s.	<i>MILD STEEL FABRICATED.</i>	<i>A. H. MAIR LTD., FOR VICKERS ARMSTRONGS (ENG.) LTD. ✓</i>

GENERAL PARTICULARS

Steering gear (Type & Maker) *VICKERS-ARMSTRONG. HYLAND HYDRAULIC. ✓* Auxiliary steering gear *① HAND GEAR FROM BRIDGE. ② RELIEVING TACKLE & HAND WINCH. ✓*

Steering chains (Size & test) — Windlass (Type & Maker) *W. B. & C. "HYLAND HYDRAULIC - VICKERS-ARMSTRONG"*

Ceiling in holds (Material & thickness) — Are cargo battens fitted in holds? — in 'tween decks? —

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— *BITUMINOUS SOLUTION & ENAMEL } ALL F. & A.*
Particulars of composition (if any):— *(ON BOTTOM SHELL, FLOORS ETC., TO UPPER TURN OF BIRSE.) (2 COATS. BITUMINOUS)*

Insulated cargo compartments (if any):— *NONE.*

Parts of structure of material other than steel (if any):— *ALUMINIUM USED IN CONSTRUCTION OF PASSENGER RAMPS. (P. 15)*

If mechanical ventilation is fitted, state in which cargo spaces:—

If cathodic protection is fitted, state in which tanks:—



EQUIPMENT
ANCHORS

Number (10000 approved) Letter (B)

Certificate No.	Anchor	Weight of Anchor			Weight of Stock (if any)	Test per Certificate				APPROVED Rule weight	Description of Anchor	Where and when tested
		Stk.	Wgt.	Net		1st	2nd	3rd	4th			
38408	Bower (1)	16	0	21	-	17	11	3	14	16 CWTs.	"Byers" Improved, C.S. HEAD.	LOW WALKER. 24.4.59.
38409	" (2)	15	3	21	-	17	7	2	0	16 CWTs.	"	" " 24.4.59.
-	" (3)	-	-	-	-	-	-	-	-	-	-	-
	Coll. wt.	32	0	14	-	-	-	-	-	32 CWTs.	-	-

CHAIN CABLES

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable						APPROVED Rule	Description and Material	Makers of Cable	Where and when tested
	Length	Dia.	Stat.	Bkg.	Supplied			Rule						
					Cwts.	Qrs.	lbs.	Cwts.	Qrs.	lbs.				
6041	120 1/4	1 1/4	42 1/2	28 1/2	97	0	16	96	0	0	120 1/4	STUD LINK (W.I.)	W.L. BYERS.	CRADLEY HEATH. 12.3.59.
THIS CERTIFICATE INCLUDES 6 JOINING & 9 END SHACKLES.														

Are joining shackles of the lugless type fitted? No.

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied		Breaking Test		Length	Circ.	Maker's Name	Certificate number	Weight (to include pins, etc.)	Surveyors' Initials	Date of Test
	Length	Circ.	Length	Circ.							
Towline	4 1/2	3	17.6	3	90	3	W.L. BYERS.	9497	10.1.21	A.E.G.	9.1.59.
	5 1/2	3	17.6	3	90	3	W.L. BYERS.	9500	10.1.21	A.E.G.	9.1.59.
	4 1/2	3	17.6	3	90	3	-	-	-	-	-
Mooring Ropes	2-90	5	9.2	2-90	5	-	-	-	-	-	-
	2-90	4 1/2	7.55	2-90	4 1/2	-	-	-	-	-	-

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 172'-0" ✓ Moulded breadth 35'-0" ✓ Moulded depth 11'-8" ✓

Number and material of decks 1. DECK (STEEL) ✓

Length of Poop - R.Q.D. - Bridge - Fo'cle 19'-6" ✓ Trunk -

Overall length 184'-3" ✓ Extreme breadth 39'-0" ✓ Rise of floor 12" ✓

Is ship of O.S.D. Type? No. ✓ Is ship of C.S.D. Type? No. ✓ Is duct keel fitted? No. ✓

Is longitudinal framing fitted? (state where) No. ✓

Is strengthening for navigation in ice fitted? (state class) No. ✓

Is additional strengthening for heavy cargoes fitted? No. ✓

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? -

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? No. ✓ and if so state where, together with the flash point where required to be inserted in the notation:—

Watertight and/or Oiltight Bulkheads (state number required by Rules) 3. ✓

Bulkheads in ship extending to Upper deck on frame numbers:— FRS. 12, 35, 69, 78 & 87. WITH 6483 ON FRS 46 & 59 TO TUNTABLE RECESS IN CENTRE. Total = 6 + 2 = 8. ✓

Bulkheads in ship extending to deck below upper deck on frame numbers:— Total = -

Is E.S.D. fitted? No. Is Radar fitted? No. Is Position Fixing Device fitted? No.

Is D.F. fitted? No. Is Gyro Compass fitted? No. Is Submarine Signalling apparatus fitted? No.

CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:— No. 1 - No. 2 - No. 3 - No. 4 - No. 5 - No. 6 -
 No. 7 - No. 8 - No. 9 - No. 10 - No. 11 - No. 12 -

Fore peak tank *dry* ✓ After peak tank *82.24 TONS* ✓ Midship deep tank -
 Deep tank aft - Deep tank fwd. *113.20 TONS* ✓ Topside tanks -
 Tanks at sides of tunnel - Tanks in way of tunnel - Deck tanks -
 Side tanks *in Eng. Rm. - O.F.* ✓ Wing tanks - Other tanks *in Fwd. Deck Space - F.W. O.*

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

SISTER SHIP:- *Now under construction at SARGENTONS, BRITISH GUIANA. - YARD No. 55.*

AS BUILT PLANS:- *HULL SECTIONS. ✓ PROFILE & DECKS. ✓ CAPACITY PLAN. ✓ PUMPING PLAN. ✓*

- APPROVED PLANS:-
- | | |
|-------------------------------|--|
| 1. HULL SECTIONS. ✓ | 10. PROPELLER BRACKETS. ✓ |
| 2. PROFILE & DECKS. ✓ | 11. ST. GEAR COMP. GAIT PAS. & DECK. ✓ |
| 3. W.T. BULKHEAD SCANTINGS. ✓ | 12. BOSSING PLAN. ✓ |
| 4. DIESEL OIL TANKS. ✓ | 13. SHELL EXPANSION. ✓ |
| 5. STEM PLAN. ✓ | 14. RIVETING LIST. ✓ |
| 6. TWIN RUDDERS. ✓ | 15. SKER PLATE. ✓ |
| 7. ENGINE SEATING. ✓ | 16. VEHICLE GANGWAY DOORS. ✓ |
| 8. PUMPING PLAN. ✓ | 17. " " " - DETAIL ✓ |
| 9. TURNABLE RECESS. ✓ | 18. EMERGENCY STEERING GEAR. ✓ |

LIST OF FORGINGS & CASTINGS ETC.

CERT. No.	ITEM.	PORT.	DATE.
C. 1506.	2- RUDDER STOCKS.	SUNDERLAND.	16-6-59. ✓ (SEE ALSO ATTACHED ROT. 6. (SHIP E.)
C. 33476.	QUADRANT & TILERS, ETC.	LEEDS.	13. 11. 58. ✓
C. 34554.	STEERING GEAR UNIT.	LEEDS.	21. 4. 59. ✓
SC. 1777.	M.S. RUDDER TRUNK TUBES.	CARDIFF.	29. 12. 58. ✓

N.B. THE CLASS + A.1. "FOR SERVICE ON THE RIVERS BERBICE, DEMARRARA & ESSIQUIBO" WILL NOT BE ASSIGNED UNTIL THE VESSEL REACHES SOUTH AMERICA & HAS BEEN EXAMINED BY THE SOCIETY SURVEYORS TO ENSURE THAT ITS EFFECTIVENESS HAS NOT BEEN AFFECTED BY THE VOYAGE. (SEE GLASGOW LETTER DATED 31-1-58.)

SPECIAL FEATURES

TURNABLE, 25'-0" DIAMETER, RECESSED INTO MAIN DECK, SUITABLE FOR HANDLING CARS, LORRIES, ETC. ON BOARD SHIP, UP TO A 17. TONS. LOAD. PLANS OF ARRANGEMENT & DETAILS FOR TURNABLE WERE EXAMINED & NOTED. THE WHOLE WAS EXAMINED IN AN ASSEMBLED CONDITION PRIOR TO & AFTER FITTING ON BOARD SHIP. A REPORT IS. COVERING THE WORKMANSHIP HAS BEEN ISSUED. - COPY ATTACHED. THE TURNABLE WAS BUILT BY MESSRS. BLACKBURN (DUMFRIES) FOR FERGUSON BROS. & CO.



the u
Messr
atten
One s
Engin
Ltd.,

accord
materi
shops
cranks
A free
instal

Fee:
Exps
Certificat
While the C
rstood that n
racy in any
any error o
Society."

10/4c) 10m,1