

Rpt. 8.

(Received at London Office)

30 Dec 1948

No. 18655.

# REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 15th Dec. 1948. When handed in at Local Office 16th Dec. 1948. Port of MIDDLESBROUGH.

No. in Reg. Book 59101. Survey held at MIDDLESBROUGH. Date, First Survey 16th Aug. Last Survey 6th Dec. 1948.

on the Wood, Iron or Steel. "FITZROY". (No. of Visits 54.)

TONNAGE: GROSS 853. By whom H. Robb Ltd. Owners Falkland Islands Co. Ltd. When 1931. MONTH 9.

UNDER DK 520. Managers. Owners' Address. Port belonging to London.

NET 392. Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock Smiths. Destined Voyage.

Cell DBorDBa feet; uE & B. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

total capacity tons. FPT tons; APT tons; MT feet tons. Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined. Last Report, No. 20790 Port BAs

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Special Survey, Lengthening, Conversion to Oil Burning, Damage Repairs, Renewal of Load Line Certificate.

Vessel placed in dry dock, bottom, sternframe and rudder, cleaned, examined and found or placed in good condition and recoated. Cables ranged and together with anchors examined. Holds, 'tween decks, chain locker, machinery spaces, cleaned, ceiling lifted steelwork exposed including plating under sidelights and structure examined. Pipe casings, removed as necessary and replaced. Fore peak tank and fore peak spaces, after peak tank and all double bottom tanks examined internally, tested by water pressure to Rule requirements and found satisfactory. Masts, rigging and general equipment examined and found or placed in good condition. (see rigging report attached)

SUMMARY OF DAMAGE REPAIRS :-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items :-
Renewed ...	7			6				
Removed and Fair'd or Repaired	15			4				
Fair'd or Repaired in place ...	19			13				

PRESENT CONDITION OF THE	Bulkheads	Engine Room Skylights	Copper, or Y.M.
Decks good	good	good	(State if on Felt.)
Planking good	good	good	When fitted, Month Year
Rivings good	good	good	Boats good
Nuts & Fastenings good	good	good	Masts, Yards, &c. good
Side Plating good	good	good	Condition, how ascertained see report.
Plating in way of sidelights good	good	good	Equipment letter RED
Transverse Frames good	good	good	Anchors, No. of 3 B 1 S
Longitudinals good	good	good	Cables (State if now ranged)
Diaphragms good	good	good	length 133.5 mean diam. 1.5/16"
Stems good	good	good	Rule length 210 size 1.4/16" 1.5/16"
Keelsons good	good	good	Chain Locker good
Bottom Plating good	good	good	Hawsers & Warps sufficient
Double Bottom Tanks examined internally? Yes	good	good	Standing and Running Rigging efficient
Double Bottom Tanks tested? Yes	good	good	Sails

General Observations, Opinion as to Class, Recommendation, &c. :-

This vessel is now in good and efficient condition and eligible in our opinion to continue as now classed with fresh record of survey Mdb. 11.48, and to have notation of a.s. Mdb. 12.48. Record of fitted to burn oil fuel, F.P. above 150°F to be made in the Register Book.

Survey Fee (per Section 29) £ 31 : 0 : 0 Fees applied for, 29.12.1948. Special Damage or Repair Fee (if any) £ 20 : 0 : 0 Received by me, 19. Travelling Expenses (if chargeable) £ 12 : 12 : 0 Second Surveyor's Fee (if any) £ 30 : 0 : 0

Character Assigned 11.48 Mdb without spl. chn. Amend RB white SS mdb - 12.48 + LMC 12.48 5N 10.48 Fitted for oil fuel 12.48 FP above 150°F. CERTIFICATE WRITTEN.

91611

6 1/2 ft. Floor Dept

002222-002228-0040 1/4

20m. 11/41—Transfer Ink. (MADE AND INK. THE SURVEYORS ARE REQUESTED NOT TO WRITE ON OR BEFORE THE SURVEY)

Is Certificate required? If so, to be sent to



"FITZROY" (Hall)

Decks, casings, hatchways, covers, supports, tarpaulins, battening arrangements, ventilators, air pipes, scuppers and discharges, side scuttles, freeing ports examined and found or placed in good condition.  
 Steering gear (rod and chain) quadrant, tiller, windlass, pumps/air and sounding pipes, examined and found or placed in good condition.  
 Doubling plates found or fitted under sounding pipes.  
 Lead Line survey carried out, new freeboard assigned and verified and new certificates issued.

Lengthening of Vessel etc.

The vessel lengthened by 20'2" in accordance with approved plans and Secretary's letters with the following modification, No. 2 hatch fitted 20'2" long, the after end being on frame No. 54 instead of No. 51 as shown.  
 In consequence of the increased length of deck girder between the hatch end and the bulkhead an 8" x .42 Rider plate was fitted to the girder flange. The bulkhead stiffener in way of the bracket at the after end of the girder was reinforced by fitting a 3" x .40 face plate to the flange.  
 A 5 x 3 1/2 reverse bar was also fitted to No. 51 upper deck beam.

No. 2 hatch fitted with MacGregor patent steel hatch cover constructed in accordance with approved plan.

Conversion to Oil Burning.

The vessel now fitted to burn oil fuel and oil fuel bunkers constructed to carry oil fuel in accordance with approved plans, Secretary's letters and to Rule requirements. (Oil fuel not carried in double bottom tanks).

Wear & Tear.

All the chain cable renewed at this time (for particulars see table).  
 Top and bottom rudder pintles renewed.  
 Steering chains removed and spare chains cleaned, annealed and tested and fitted in place.  
 Shell plate "C" strake No. 10 (Port side), cropped and part renewed at after end on account of wastage.  
 Welded butt of shell plate "B" strake port side at aft end of fore peak found fractured near top, cut out, rewelded and inside doubling plate fitted.  
 The reinforcement to the sternframe solepiece (fitted in Montevideo 9.45) extended aft for full length of solepiece.  
 A number of scrubbed rivets on side shell p & s. renewed.  
 The boat deck plating between the casings and the waterway angle all renewed and new wood sheathing fitted.  
 Fidley top plating part renewed.  
 Fore peak store and chain locker.  
 Standing flange of 8 frames on starboard side renewed.  
 2 frames on port side cropped and part renewed and 1 frame renewed.

continued.

N.B.—If this Report is copied by Copying Press, special care must be taken that the copying paper is not so much dampened as to spread the ink, or to cause it to show through to the other side.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons	Owts.	qrs.				
	1st Bower													
	2nd "													
	3rd "													
	Collective Weight													
	Stream.....													
	Kedge.....													

\* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per rule.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			
	Fathoms.	Inch.	Tons.	Tons.	Owts. qrs. lbs.	Owts. qrs. lbs.	Fathoms.	Inch.			
77229	15	1 1/8	31.0	46.5	15-2-24	✓	210	1 7/16			LPH. Cradley Heath 2nd Sept. 1948
77230	15	1 1/8	"	"	15-2-14	✓					-do- H. Phillips
77231	14 3/4	"	"	"	15-2-14	✓					-do-
77232	15	"	"	"	15-2-14	✓					-do-
77233	15	"	"	"	15-2-8	✓					-do-
77234	15 1/2	"	"	"	15-2-12	✓					-do-
77235	15 1/8	"	"	"	15-2-20	✓					-do-
77236	15 1/8	"	"	"	15-2-12	✓					-do-
77237	15	"	"	"	15-2-20	✓					-do-
77238	14 5/8	"	"	"	15-2-24	✓					-do-
24022	50	"	"	"	51-1-14	✓					LPH. Low Walker. 22.11.48 R. J. Vogan
24037	29 1/2	"	"	"	26-1-14	✓					-do-
24039					27	✓			End Shackle for 1.5/16" cable.		-do-

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

"FITZROY" (Hull)

4 Stiffeners and brackets on the after bulkhead of the chain locker, renewed.

1 Upper deck beam faired in place.

1 " " " faired and fitted with reverse bar.

1 Tween deck hatch beams and rests faired.

A number of minor repairs effected.

S.R.L.

All deferred damage repairs have been dealt with at this time.

Shell Repairs.Port.

"A" strake Nos. 2, 3, 4 & 8 faired in place.

"A" " No. 5 removed, faired and refitted.

"B" " Nos. 5 & 6 removed, faired and refitted.

"B" " No. 8 faired in place.

"C" " Nos. 5 & 6 faired in place.

"C" " No. 9 renewed.

"D" " Nos. 7 & 8 removed, faired and refitted.

"E" " Nos. 8 & 9 removed, faired and refitted.

"E" " No. 4 faired in place.

"F" " Nos. 8 & 9 removed, faired and refitted.

"F" " No. 4 faired in place.

Starboard.

"A" strake Nos. 4, 5, & 6 renewed.

"A" " Nos. 7 & 8 faired in place.

"B" " Nos. 4 & 6 removed, faired and refitted.

"B" " No. 5 renewed.

"C" strake Nos. 5, 6, & 8 faired in place.

"E" " Nos. 8 & 9 faired in place.

"F" " Nos. 8 & 9 faired in place.

Keel plate No. 5 renewed.

" " No. 6 removed, faired and refitted.

" " No. 7 cropped and part renewed.

" " No. 9 faired in place.

Internal repairs (port side).

Floors, Nos. 31, 33, 34 and 35 cropped and part renewed.

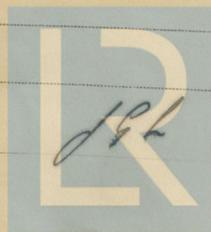
" No. 32 renewed.

(Starboard side)

Floors Nos. 22 - 30 & 37 - 40 faired in place.

" Nos. 31, 32, 33, 34, 35 cropped and part renewed.

continued.



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"FITZROY" (Hull).

Shell frame No. 29 part cropped, removed, faired.

Intercostals (port side)

Inboard, frames 31 - 34 renewed.

Outboard, " 30 - 33 renewed.

Intercostals (starboard side).

Inboard, frames 29 - 37 renewed.

Outboard, frames 30 - 36 renewed.

Repairs to indented counter plating. "G" strake No. 1 port side removed, faired and refitted.

"G" strake No. 2 starboard side removed, faired and refitted.

Centre plate (H. Strake) cropped, part removed, faired and refitted.

4 frames removed, faired and refitted.

2 frames renewed.

1 frame cropped, and part renewed.

Shell hose tested on completion of repairs and found satisfactory.

Double bottom tanks in way of repairs filled, tested and found satisfactory.

All the above are considered efficient permanent repairs and it is submitted that the item, permanent repairs to bottom shell plates p & s in way of feed tank and to indented shell plates p & s.f. be now deleted from the S.R.L.

On account of alterations the vessel was remeasured for tonnage the amended figures being as follows:-

Gross 853.03

Under Deck 520.13

Nett. 391.90

Registered Dimensions. L. 185.95 B. 32.8 D. 11.75

An Echo Sounding Device fitted at this time.

Siemens Bros. Type M.S. XXI.

(Vessel undocked on 25th November, 1948).

*J.P.H.*



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