

PORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office)

25 MAR 1942

of writing Report 29th Dec 1941 When handed in at Local Office 10 Port of Rio de Janeiro

Survey held at Rio de Janeiro Date. First Survey Dec 3rd 1941 Last Survey Dec 18th 1941

on the Machinery of the Wood, Iron or Steel ARABUTAN "CAPPERA" (No. of Visits 23)

Gross 787⁴ Vessel built at Alameda, Cal By whom Union Iron Works Co. When 1917 9

Net 6019 Engines made at San Francisco By whom Union Iron Works Co. When 1917

Power 609 Boilers, when made (Main) 1917 (Donkey)

Main Boilers 3-5-3 Owners Pedro Brando Owners' Address Avenida Rodrigues Alves 303/31, Rio

Donkey Boilers ✓ Managers Lloyd's Register of Shipping Port Rio de Janeiro Voyage N.S.A. via Santa

Pressure in Boilers 220 lbs If Surveyed Afloat ✓ in Dry Dock Ilha de Vilhena - Floating dock

Key Boilers ✓

Report No. 2343 Port Rio de Janeiro

Particulars of Examination and Repairs (if any) Reclassification S.S. 20-1 No 3

Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case. H. 19/2/41. E. 21/5/41

Where the Surveyor has not made a special damage report he is required to state whether he has rendered his services for this purpose, and why they were declined ✓

Has a damage report been made by anyone else? If so, by whom? Damage report dated 23rd August 1937.

Has the Surveyor personally gone inside each Main Boiler separately and made a thorough examination at this time? yes.

Has the Surveyor personally gone inside each Donkey Boiler separately and made a thorough examination at this time? ✓

Has the Surveyor personally gone inside each part of the Boilers could not be thus thoroughly examined? ✓

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CHARACTER, for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned for special survey.	Machinery and Boiler Surveys (including date of N.B., if any).
5-32	5-32	5-32
5-5 Gen No 3. 11-23		
5-5 Gen No 2 32.		
Fitted for oil fuel F.P. above 150° C.		
Stranded 6-32 - Reflooded.		

Present condition of funnel new.

To what pressure were they afterwards adjusted under steam? 220 lbs.

To what pressure were they afterwards adjusted under steam? ✓

and of the Donkey Boilers? ✓

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Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

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(per Section 20) £8,000.000. Fees applied for 18th Dec 1941

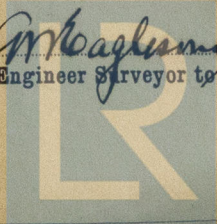
Age or Repair Fee (if any) £ Received by me, 19

Expenses (if chargeable) £1,500.000.

Committee's Minute TUE. 21 APR 1942

ed John B. 12.41

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Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

W4-0067

Is a Certificate required? If so, to be sent to yes, to this office

"ARABUTAN" is "CAPRERA."

removed. All new uptake tube plates made and fitted, together with new tubes for same, and new funnel made and fitted. The boilers were formerly fitted with superheaters, but as new material not being available for renewal of the elements, this has been dispensed with, and all superheater fittings and piping have been removed. The furnace grates (burning) have been repaired and reconditioned, and the oil burning installation, pumps, nozzles, heaters, pressure piping and connections, all opened out, examined, reconditioned throughout and placed in good order. The boilers were water tested to 300 lbs after repairs, found satisfactory. Safety valves adjusted under steam; when the oil burning installation was examined under running conditions and found in good order. The four engines have been reconditioned, and boilers and steam piping relagged.

main. The H.P. valve chest has been cleaned up true, and new rings fitted to the valve.

L.P. piston rod found bent, has been renewed, also a spare rod for same. Satisfactory results obtained from the forepumps. The main condenser tubes have been entirely renewed, and same water tested. The auxiliary condenser tube plates and tubes renewed.

Independent pumps were removed to the shops, reconditioned, and replaced.

Electric installation. Both turbo generators opened out and reconditioned. The cables, wiring, distribution boxes etc throughout the ship has been renewed, and tested.

Completion of the repairs the vessel was taken for trials in the bay, where the main auxiliary machinery, and the electric installation were tested under working conditions and found satisfactory.

Open jaw on back complies with requirements and is in excess of same.

Amo.

Reclassing

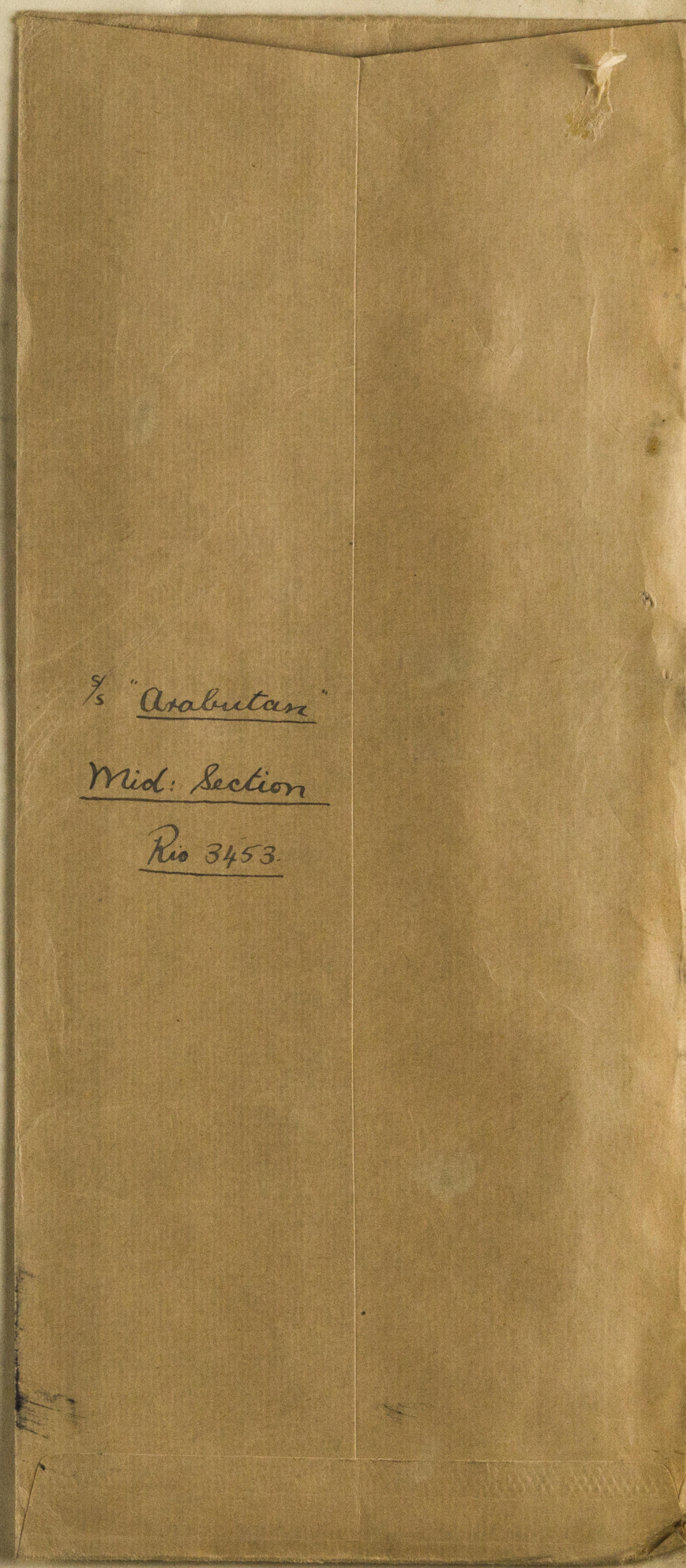
Machinery examined
throughout several repairs
effected

It is submitted that
this vessel is eligible for
NAVY RECORD. File 1241

1941.

(Subsequently sunk)

1941



1/2 "Arabutan"

Mid: Section

Rio 3453.



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Foundation