

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office) **SAL. 2 JAN 1909**

Report **30th Dec 1908** When handed in at Local Office **-1 JAN 1909** in Port of **Cardiff**

Survey held at **Cardiff** Date, First Survey **Dec 2nd** Last Survey **Dec 18th 1908**
(No. of Visits **10**)

In the Machinery of the ~~Wood, Iron or Steel~~ **SS. "Ariadne Alexandria"** Master **Tindall**

1252 Vessel built at **W. Hartlepool** By whom **W. Gray & Co (Lim)** When **1893-9**

175 Engines made at **W. Hartlepool** By whom **Central Mar. E. Works** When **1893**

2 Boilers, when made (Main) **1893** (Donkey) **1908**

1 Owners **(G. P. Sechiari Mgrs)** Port **London** Voyage **River Plate**

160 lb If Surveyed Afloat in Dry Dock **Bute Dry Dk.** Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Survey No. **90 lb** Port **London** Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Persons of Examination and Repairs (if any) **W. Gray & Co B.S.**

Where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were **Yes** also whether any damage report was made, and, if so, by whom? **Undersigned.**

Personally go inside each Main Boiler separately and make a thorough examination at this time? **Yes**

Do you personally go inside each Donkey Boiler separately and make a thorough examination at this time? **No**

State for what reasons? **New donkey boiler now fitted; see Gr. Hpl. Rep. No. 13588**

Could the Boilers could not be thus thoroughly examined? **No**

Means, in the absence of internal examination, were adopted by the Surveyor to ensure himself of the thorough efficiency of those parts of each Boiler? **Yes**

Examine the Safety Valves of the Main Boiler? **Yes** To what pressure were they afterwards adjusted under steam? **160 lb.**

Examine the Safety Valves of Donkey Boiler? **Yes** To what pressure were they afterwards adjusted under steam? **90 lb.**

Examine all the manholes, doors and their fastenings of the Main Boilers? **Yes** and of the Donkey Boiler? **Yes**

Examine the drain plugs of the Main Boilers? **Yes (cocks)** and of the Donkey Boiler? **None**

Examine all the mountings of the Main Boilers? **Yes** and of the Donkey Boiler? **Yes**

How often has the Main Boiler been drawn and examined? **Yes** Is it fitted with continuous liner? **No** or two liners? **Yes** or is it without liners? **No**

When changed? **Yes** If so, state reasons **Yes**

Has the Main Boiler been fitted new? **Yes** Has it a continuous liner? **Yes** or two liners? **Yes** or is it without liners? **No**

Distance between lignum vite of stern bush and top of after bearing of screw shaft? **1/16"**

What arrangements have been made for its completion and what remains to be done? **Completed.**

Remarks: **As stated to have been sustained thro heavy weather on the 27/9/08.**

18 & 4/11/08, Voyage Glasgow to Rotterdam via Alexandria.

Some for damage - vessel placed in dry dock, sea connections and

ruins examined. Tail shaft drawn in exam^d, found liners badly

chaff taken to lathe, liners skinned up, shaft refitted, new wood

in bush; crank, thrust and tunnel shafting exam^d, found in good

condition; new feed pump ramms; new lagging on boilers & new wood bulkhead

between engines & boilers. Boilers exam^d over all parts, found same in good condition;

manhole doors repaired & refitted; safety valves & mountings

exam^d. New donkey boiler fitted in stokehold, all its valves & mountings

All safety valves adjusted under steam.

Observations, Opinion, and Recommendation:—The machinery of this vessel, as seen, is in a good and safe working condition, eligible, in my opinion, to remain as classed, with fresh records - **B.S. 12.08** - Tail shaft exam^d 12.08 and *NDB 08. entered in the Register Book.

Section 28) £ **70.00** Fees applied for
1 17 0
2 3 0
3 17 0
Received by me, **J. Hunter**
15/1/09
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Surveyor's Minute **TUES. 5 JAN 1909**
B.S. 12.08
R.D.B.08



Insert Character of Ship and Machinery precisely as in the Register Book.

Damage:- Sewer shaft skinned up.
Part machinery examined. minor
repairs effected.
Sea connections examined.

BS due 12 08 now held
new Donkey Boiler fitted on
board.

It is submitted that
this vessel is eligible for
THE RECORD. BS 12.08
NDB. 08. 90th.

S 12.08.

FRS
4.1.09
2/109.



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