

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

Writing Report March 20<sup>th</sup> 1917 When handed in at Local Office 28 MAR 1917 10 Port of NEWCASTLE ON TYNE

on the Machinery of the ~~Wood, Iron or Steel~~ S/S "SANONFRE" Master (No. of Visits 9)

Gross	9379	Vessel built at	Newcastle	By whom	Armstrongs & Whitworth & Co. L <sup>d</sup>	When	1874	9
Net	5064							

Engines made at Newcastle By whom H.E. Marine Eng Co Ltd When 1914

in Boilers 488 Boilers, when made (Main) 1914 (Donkey) 1

Key Boilers	—	Owners	Eagle Oil Transport Co. Ltd.	Port	London	Voyage
Assure	—	Is	...	...	...	...

Boilers 220 If Surveyed Afloat or in Dry Dock Palmer's Dry Dock Particulars of Classification (which must be inserted  
(State name of Dock.) Hebburn precisely as in Register Book & Supplements.)  
Ray Boilers —

Report No. \_\_\_\_\_ Port \_\_\_\_\_

culars of Examination and Repairs (if any) Damage

Repairs, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the Repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on of 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 initials of any letters respecting this case.

ge 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 why they were

ned? Yes, not required Was a damage report made by anyone else? If so, by whom? Mr Dodds, Underwriter Surveyor

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time! No

" Donkey " " "  
 Is not done, state for what reasons? *Bailers not due for survey*

parts of the Boilers could not be thus thoroughly examined?

special means, in the absence of internal examination, were adopted by the  
 or to assure himself of the thorough efficiency of those parts of each Boiler?

Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ☒ and of the Donkey Boiler? ☒

Inspector examine the drain plugs of the Main Boilers? ..... and of the Donkey Boiler? .....

...ever examine all the mountings of the Main Boilers? ☒ and of the Donkey Boiler? ☒

shaft now been drawn and examined? *Yes* Is it fitted with continuous liner? *Yes* or two liners? *✓* or is it without liners? *✓*

now been changed? *no* If so, state reasons *✓*

Is it now fitted new? ☒ Has it a continuous liner? ☒ or two liners? ☒ or is it without liners? ☒

distance between lignum vitae of stern bush and top of after bearing of screw shaft? Stern bush rewooded. "working fit"

key is not complete state what arrangements have been made for its completion and what remains to be done? ✓

Damage stated to have been sustained through collision with "Melanie" in the Bristol Channel on the 24<sup>th</sup> December, afterwards taking the ground.

ened up Main Engines for examination "rig" cylinders, pistons, slide valves  
ank. shaft. Thrust shaft & screw shaft examined. Main condenser  
Main pumps. air. feed. & bilge. Treis pumps. circulating pumps. Cargo  
pumps. examined. All sea cocks & valves examined.

Team steering engine. Starboard After Capstan. Dynamo & Engine, Ballast pump, running Engine

Serv. shaft drawn in & examined (continuous liner) stern bush rewooded.  
Main condenser tested a few tubes renewed P.T.O.

ral Observations, Opinion, and Recommendation:— *The machinery of this vessel so clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,11, S.&N.S. 9,11, or  $\frac{1}{2}$  L.N.C. 9,11*  
160 lb., F.D., &c.)

as seen is in good order & safe working condition and in my opinion  
 is fit to remain as classed in the Register Book. & have fresh record of  
 S. 3. 14

6 (per Section 28.)	£	1	1	Fees applied for	28 MAR 1917
Image or Repair Fee (if any) (per Section 28.)	£	5	5	0	19
Expenses (if chargeable)	£	1	1	Received by me,	5/2/17

Committee's Minute TUE. - 3 APR. 1917

red *As now*  
(without spl. cond.)

Fees applied for  
28 MAR 1917  
Received by me,  
574718

815717  
J. Thomas M. Brooks  
Engineer Surveyor to L.C.

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register  
Foundation  
1773-0132

W773-01322



Damage due to collision  
Machinery Examined & Repairs Effected

It is submitted that  
this vessel is eligible to  
remain as **CLASSED**, without  
Special restrictions.

53.17

J.W.D.  
21/4/17

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

S/S 'SAN ONOFRE'

'Found' Air pump chamber patched. pump rod broken  
new pump & rod fitted.

Feed pump rams broken & bent. new rams fitted.

Bilge pump rams bent & broken new rams fitted gland unruined  
Pump levers strained & twisted & back gudgeon bent  
levers paired & new gudgeon fitted.

Pump links (front & back) renewed were broken & new brasses  
fitted.

Pump cross <sup>head</sup> bent & twisted. new one fitted.

Bracket for pump gudgeon bearing on engine column broken  
patch cast & fitted on bearing unruined & brasses ditto.

Feed & Bilge pump castings found free from defects

'New' Pumps' No. 1 pump new piston rings fitted. group valves fault  
up, two steam stop valves renewed & other minor repairs effected

No. 2 pump. new piston rings fitted. new bucket & rod fitted  
group valves fault up, also delivery valves. two stop valves & spindle  
renewed. minor repairs effected.

'Dynamo' cylinder bored out new piston & rings fitted.

Armature & Installation overhauled.

Turning engine frame broken new <sup>one</sup> fitted. circulating pump engine  
2 new piston rings fitted.

'Cargo Pumps' Forward pump room Port side cylinder broken new one  
fitted. Starboard side pistons broken. 2 new ones fitted.

Starboard Cepstan engine. main bearing brass broken. Keys & half wash  
strap new ones fitted.

Metals in top half of the L.T. counter strap. cracked. new metal  
fitted. One main feed pipe & one auxiliary feed pipe broken  
new ones fitted.

Cargo pipe line in Tanks. found broken. branches, bends. Valves  
& stems. Renewed 5 Branches, 3 bends, 5 Valves &  
6 Stems.

numerous minor repairs effected in Engine room.

The superintendent Engineer had all boiler mountings opened  
for examination. but did not request me to examine them.

*W.D.*



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Lloyd's Register

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