

REPORT OF MACHINERY SURVEYS AND REPAIRS

Received London

-5 OCT 1962

Ship's Name **SSMS "CAMBRIDGE"** Gross tons **11073**
 Port **CARDIFF.** Rpt. No. **61823**
 No. of visits **1** First date and Last date **18.9.62.**
 Cert. issued herewith? **Yes** Damage rpt. issued & copy herewith? **No** Last rpt. (H.Q. only)
 Date of letting rpt. **25.9.62.** Surveyed at, if different from Port above **-**
 Rpt. 9A attached? **No** **MN (2528)** Nature of survey **ABS (part)**
 Survey fees Damage fee Expenses
- **-** **-**
 S.A. fee **-**

DOCKING

Propeller Sea connections Oil gland
 Stenings Wear down of stern bush
 Sew/tube drawn? Date of examn.
 Shaft changed? Has shaft now fitted been previously used?
 Shaft now examined/fitted a continuous liner? Approved oil gland?

OPENED UP AND EXAMINED. (Identify by position and state latest date of internal examination of each boiler.)

Donkey or Press (State if oil fired—OF or exhaust gas—EG) **MAIN**

Heaters
 Cheaters
 Valves
 Doors
 Stenings Examined under steam pressure and found good.
 Reservoirs { Sat Ford. composite auxiliary boiler 120lb/SQ"
 to { Spt
 Securing
 Elements

Economisers Exhaust gas heated economisers
 Heated Steam generator safety valves adjusted to
 Operators
 Forced pumps Funnel
 Grated steam pipes in cylindrical boiler Were oil burning system & remote controls examined in accordance with rules? **Yes, Good.**
 Has been examined as required by the Rules?

I recommend that the machinery of this ship remain as classed with ~~without~~ fresh record of
 2 (as previously recommended) when the aft auxiliary boiler has been examined and its safety valves tested under steam, subject to starboard after diesel or engine bedplate being specially examined by 3-63 previously recommended.

Conditions of class are recommended to be imposed, amended or deleted, particulars stated above and on the interim certificate.)

John A. S. MacDonnell
 Surveyor to Lloyd's Register of Shipping

MONDAY 29 OCT 1962

Referred



Lloyd's Register Foundation

- ALSO FOR
- SPL FOR
- TRO
- SRL
- POSTING
- HEADER
- CERT

002947-002955-0250

EXAMINATION AND TESTING OF STEAM PIPES (state material)

MAIN
AUXILIARY
(over 3" bore)

Have saturated pipes in cylindrical boiler smoke boxes been tested?

Were selected copper pipes annealed?

ELECTRICAL EQUIPMENT

PROPULSION (State Port—P, or Starboard—S)		AUXILIARY
Total kW or kVA		Total kW or kVA
a Generators		l Generators & governors
b Exciters		
c Air coolers		m Motors
d Motors		
e Air coolers		n Switchboards & fittings
f Control gear cables, etc.		o Circuit breakers
g Insulation resistance		p Cables
h Insulating oil test		q Insulation resistance
i Overspeed governors		r Steering gear generators & motors
j Magnetic couplings		s Navigation light indicators
k Air gap		

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Now done for advancement of ABS:- The Ford. auxiliary composite was examined under steam pressure. No leakage was observed from boiler doors and as far as could be seen they were of sound and fit. The safety valves of this boiler were adjusted under steam to 120lbs/SQ".

Oil burning systems and remote controls were examined, test found good. It is submitted that the previously recommended concern concerning forward boiler doors may be deleted.

To complete the boiler survey for fresh record of ABS 9-62 the auxiliary composite boiler requires to be examined in its entirety its safety valves to be adjusted under steam.

Starboard aft diesel generator engine:- Nothing done at this time condition of class previously attached to the starboard aft diesel generator bedplate.

The reason for repairs must be stated and those on account of damage, the alleged cause of which should be detailed separately from wear and tear repairs. State what action has been taken regarding are subjects of class. State also where appropriate, for the information of the Technical Record material of the defective item and whether it is a forging, casting or welded fabrication. Any existing particulars in the Register Book should be reported above.