

EXAMINATION AND TESTING OF STEAM PIPES (state material)

MAIN good (tested) 400 lbs . steel
 AUXILIARY
 (over 3" bore)

Have saturated pipes in cylindrical boiler smoke boxes been tested? none

Were selected copper pipes annealed? none

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.

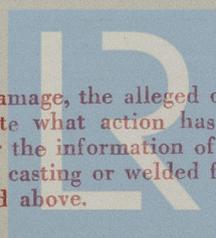
DAMAGE: C.I. propeller - cause unknown.

One blade tip broken off, 9" down, approx. 24" across angularly.

Spare propeller fitted to existing tailshaft, with and without key, and found satisfactory. Oil gland faces skimmed lightly, and all found satisfactory on completion.

Repairs will be carried out in near future to broken propeller, by C.I. welding a new tip, using suitable rods.

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



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LONDON

LLOYD'S REGISTER OF SHIPPING



Port SYDNEY N.S.W.

19th September, 1962

This is to Certify *that I have surveyed part of the machinery*
of the **S. Tug "HIMMA"** **274** *Gross tons of Sydney NSW*
for **Steam pipe survey, docking survey, tailshaft survey, main
boiler survey, and damage to propeller, cause unknown.**

*and that all my recommendations have been carried out to my satisfaction. I
am reporting accordingly and recommending to the Committee of Lloyd's Register
of Shipping that the machinery classification should be retained and the following
survey records assigned.* **M.B.S. 9/62; S.P.S. 8/62; T.S.(CG) 8/62 now.**

Parts now examined:—

Surveyor to Lloyd's Register of Shipping
(T.J. McGinness & J. McCarlie)

KEY TO ABBREVIATIONS

ABS Auxiliary Boiler Survey	MBS Main Boiler Survey	TS Tailshaft Survey
CSM Continuous Survey of Machinery	OF Fitted for oil fuel (date) FP above 150° F.	TS(CL) Tailshaft Survey—Continuous Liner
DBS Donkey Boiler Survey	SGS Steam Generator Survey	TSN Tailshaft renewed
ES Engine Special Survey	SPS Steampipe Survey	TS(OG) Tailshaft Survey—Oil Gland

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"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

Cert. B.1-10M-6/62-J. & O'S.

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