

Rpt. 9B

REPORT OF MACHINERY SURVEYS AND REPAIRS
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London

Ship's Name ~~SS~~/MS NANCHANG

Port Wellington

12 MAY 1967

Processing Number: LR 523972

Gross tons 7868

Rpt. No. 11,569

Port of Registry Liverpool

Date of build 1943

Is there a rpt. 8? No.

No. of visits 3

First date 8- 5-67

Last date 11- 5-67

Interim Cert. issued & copy herewith? Yes

Damage rpt. issued & copy herewith? No

Last rpt. (H. Q. only)

Date of completing rpt. 12- 5-67

Surveyed at, if different from Port above -

Is a rpt. 9A attached? No

MN

Nature of survey Boiler Repairs

Survey fees £18- 0- 0

Damage fee -

Expenses 15/-

S.A. fee £6- 0- 0

BOILERS OPENED UP AND EXAMINED. (Identify by position and state condition and latest date of internal examination of each boiler, economiser or steam generator)

AUXILIARY, DONKEY or PRESS

(State if oil fired—OF or exhaust gas—EG)

MAIN

Air heaters

Superheaters

Safety valves

Mountings, doors and fastenings

Safety valves adjusted to { Sat
Spt

Boiler securing arrangements

Main economisers

Steam heated steam generators

Fired boiler forced circulating pumps

Have saturated steam pipes in cylindrical boiler smoke boxes been examined as required by the Rules?

Exhaust gas heated economisers and their safety valves

Steam generator or E.G.E. safety valves adjusted to

Funnel
Were oil burning system & remote controls examined in accordance with Rules?

I declare that the items detailed in this report (except as stated otherwise) comply with the requirements of the Merchant Shipping (Cargo Ship Construction and Survey) Rules 1965, applicable to this ship, and are in all respects satisfactory for the service on which the ship is intended to ply, namely, International voyages/voyages within the limits

(The above declaration applies only to sea-going cargo ships of 500 tons gross and above registered in the U.K.)

I recommend that the machinery of this ship remain as classed ~~XX~~ without fresh record of Survey, subject to the smoke tubes of the auxiliary boiler being re-examined and dealt with as considered necessary upon the vessel's return to Japan from present voyage, and to any other outstanding conditions of class being dealt with as previously recommended.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

Minute

write 2's (as) check

DS 3. 67 subject
AS 4. 67
ABS 3. 67

but see Kob 18082
004364-004368-0051

ALSO FOR

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are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been hydraulically tested the pressure should be stated. Engine parts when referred to by numbers should be counted from forward.

that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship

The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where re-examination or repairs should be made before

EXAMINATION AND TESTING OF STEAM PIPES (state material and test pressure and, if selected lengths, identify by position)

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		
l	Spare gear		

u PASSENGER SHIPS Have the emergency source of power and its associated circuits and, where fitted,
the temporary source of power and its automatic arrangements been tested?

CARGO SHIPS Have the emergency source of power and its associated circuits been tested?

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

NOW DONE:- At the request of the Owner's Agents, attended on board consequent upon reported smoke tube leakage in the auxiliary boiler.

NOTE: It was stated by the Chief Engineer that the boiler had been surveyed by our Acting Surveyor at Whangarei on account of heavy back end leakage from 8 smoke tubes, that stoppers had been fitted to these 8 tubes, and that he had recommended re-examination upon the vessel's arrival at Wellington.

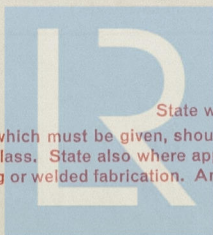
Upon examination found considerable further back end smoke tube leakage, and the tubes to be generally severely choked with soot indicating overheating as the cause of leakage.

It was accordingly recommended, and subsequently satisfactorily carried out, that the tubes be thoroughly cleaned, and all leaky tubes expanded. Tubes subsequently examined under hydraulic pressure of 30 lbs/sq. in. and afterwards with the boiler under steam and all found tight.

Time and labour difficulties, did not allow for anything being done to the 8 stoppered tubes, and it was accordingly recommended that the smoke tubes be re-examined and dealt with as considered necessary upon the vessel's return to Japan from present voyage. Considered satisfactory meantime.

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.

State whether continuation sheet attached No



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