

Rpt. 9B

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

Received London

21. NOV. 1966

Ship's Name SS/MS "TUNG LEE".

Port HONG KONG.

Processing  
Number: LR 542075.

Gross tons 4933.

Rpt. No. 20582.

Port of Registry MONROVIA.

Date of  
build 1946-9.

Is there a rpt. 8? No.

No. of visits Six.

First date 25-10-66.

Last date 7-11-66.

Interim Cert. issued  
& copy herewith? Yes.Damage rpt. issued  
& copy herewith? No.

Last rpt. (H. Q. only) HKG 20127

Date of  
completing rpt. 8-11-66.

Surveyed at, if different from Port above --

Is a rpt. 9A  
attached? No.

MN 450.

Nature of survey M.B.S. &amp; Machy. Reps.

Survey fees

Damage fee

Expenses \$60.00

M.B.S. \$570.00

Machy.  
Reps. 420.00

S.A. fee \$125.00

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

Starboard 28-10-66. } Good.  
Port 29-10-66. }

Air heaters

Good.

Superheaters

Good.

Safety valves

Good.

Mountings, doors  
and fastenings

Good.

All Safety valves  
adjusted to { Sat  
Spt

220 P.S.I.

220 P.S.I.

Boiler securing  
arrangements

Good.

~~Main economisers~~~~Exhaust gas heated economisers  
and their safety valves~~~~Steam heated  
steam generators~~~~Steam generators of  
I.G.E. safety valves adjusted to~~~~Fired oil or gas  
circulating pumps~~

Funnel Good.

Have saturated steam pipes in cylindrical boiler  
smoke boxes been examined as required by the Rules? Yes.Were oil burning system &  
remote controls examined  
in accordance with Rules? Yes.

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 with ~~without~~ fresh record of M.B.S. 10.66, subject to the aft Main Feed pump being examined under working conditions on the vessel's arrival Taipei, where she is now bound direct, 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

MONDAY 30 JAN 1967

Sec TPI 66352

Surveyor to Lloyd's Register of Shipping  
D.C. Wood.

ALSO FOR

SRL FOR

TRO  
DESIGNED BY  
DESIGN

SRL

POSTING

HEADER

CERT

Lloyd's Register  
Foundation

004918-004926-0144 1/2

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 port 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		
t	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.

Attended on board at the request of Owners, regarding defective Main Boiler tubes. It was stated that whilst on voyage Saigon to Taipei the tubes of both boilers leaked heavily. The vessel was subsequently towed to Hong Kong as a port of refuge.

Now Done : - Both boilers opened out and cleaned for survey.

Found P. & S. boilers : -

Heavy leakage from ends of tubes in combustion spaces also from combustion chamber stays and seams. Internally both boilers were heavily scaled.

Repairs now carried out : -

Port boiler : - 100 plain tubes renewed.  
Combustion chamber stays and seams caulked.

Starboard boiler : - All plain tubes renewed.  
Three combustion chamber stays renewed and several combustion chamber stays and seams caulked.

On completion a satisfactory hydraulic test to 220 P.S.I. was witnessed.

(Cont'n. Sheet 2)

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

Register  
Foundation



Ship's Name SS/MS "TUNG LEE". IR 542075.

Port HONG KONG. Rpt. No. 20582.

Repairs now carried out : - (Cont'n.)

It was stated that both feed pumps had been previously overhauled. Under working conditions the forward feed pump was satisfactory but there was excessive steam leakage from the metallic packing of the aft feed pump. The Owners specifically requested that the vessel be allowed to proceed to Taipei (4 days' sailing) on condition that the Chief Engineer fitted this new metallic packing on the voyage. It is therefore recommended as on Page 1 of this Report that the aft feed pump be examined under working condition on the vessel's arrival Taipei. Taiwan surveyor notified.

*[Handwritten signature]*

