

Feed

32 Essential Independent Pumps (Identify by position) Main circulating pump, Inboard & outboard/Pumps, G.S.Pump, Ballast Fore & Aft Fuel oil burning pumps and Oil fuel transfer pump :- Good.

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes Good

35 ~~XXXXXXXXXXXX~~ 36 ~~XXXXXXXXXXXX~~ 37 Heaters (state service) Feed Water heater, oil fuel (tested) Good.

38 ~~XXXXXXXXXXXX~~ 39 ~~XXXXXXXXXXXX~~ 40 ~~XXXXXXXXXXXX~~

41 Oil Fuel Tanks (Not forming part of hull structure) Port & Starboard settling tanks: Good.

42 Evaporators Good 43 Have Evaporator Safety Valves been tested under steam? Yes, 20 lbs.

44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position) Fore and Aft Good
Emergency (15 KW) Good (fitted at this time).

PROPULSION		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PORT	STARBOARD	PORT	STARBOARD	PORT	STARBOARD
a Generators				l Generators & Governors	Good
b Exciters				m XXXX	
c Air Coolers				n Switchboards & Fittings	Good
d Motors				o Circuit Breakers	Good
e Air Coolers				p Cables	Good
f Control Gear, Cables, etc.				q Insulation Resistance	Good
g Insulation Resistance				r XXXXXXXXXXXX	
h Insulating Oil Test				s Navigation Light Indicators	Good
i Overspeed Governors					
j Magnetic Couplings					
k Air Gap					

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

MAIN Port & Starboard 27-12-56 ~~XXXXXXXXXXXX~~
Centre 13-1-57

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to (Sat. 220 lbs.
(Spt. 222 lbs.)

Boiler Securing Arrangements Good

~~XXXXXXXXXXXX~~ ~~XXXXXXXXXXXX~~ ~~XXXXXXXXXXXX~~

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes ~~XXXXXXXXXXXX~~

~~XXXXXXXXXXXX~~ ~~XXXXXXXXXXXX~~ ~~XXXXXXXXXXXX~~ Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Steel (tested 2 x W.P.) Good Auxiliary (over 3 in. bore) Steel (tested 2 x W.P.) Good.

Were Copper Pipes annealed? - ~~XXXXXXXXXXXX~~

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

WEAR AND TEAR REPAIRS:- Tail shaft drawn, examined and found the cracks at the after end of 1' (Max. depth 12.5mm and 620 long) and also at top of keyway. This tailshaft condemned.

Ships spare tailshaft has now been fitted. Identification marks:- VESSEL No.135
LLOYD'S
2175
SET CB5
No.10
W.S. 9-19-41
E.B. 12-11-41

Stern bush lignumvitae bottom half rewooded.

MAIN ENGINE:- Crank shaft lifted, all main bearing bottom halves remetalled and shaft realigned.

All piston rods skimmed and metallic packings renewed.

All crosshead pins and bearings skimmed.

All crank pins dressed up and bearings remetalled.

H.P. & M.P. guide shoes remetalled.

H.P.M.P. & L.P. astern guide bars skimmed.

All slide valve spindles skimmed and metallic packing renewed.

H.P. eccentric straps (ahead & astern) & L.P. eccentric strap (ahead

One(l) holding down bolt renewed.

Main engine driven bilge and sanitary pump plangers skimmed & neck renewed.

Survey fees LMC £ 74-0-0
SB. 50-0-0
Elect. 20-0-0
CK. 8-0-0
Damage fee Alteration 20-0-0
Expenses... 9-0-0

R/c rendered from London 9/1

Date when A/c rendered APR - 2 1957

LEAVE THIS SPACE BLANK

Rpt. 9a

Port of KOBE

Continuation of Report No. 4258

dated 18th February, 1957 on the

S.S. "JAG VIJAY"

MAIN ENGINE: (Cont'd.)-

Skimmed and neck bushes renewed.

Main condenser fore cover (C.I.) renewed and tested to 4 kgs.

LLOYD'S TEST KOB W.T.P. 4kgs JN LR 24-1-56.

Aux. condenser - 30 tubes renewed.

AUXILIARIES:-

Forward and aft 15 KW Generator engines - Piston rods skimmed.

Slide valves renewed.

Crank pin bearings remetalled.

Boiler draught fan engine:-

Cylinder bored and packing rings renewed.

Slide valve renewed.

Piston rod and slide spindle skimmed.

Crank pin bearing remetalled.

Fore and aft main bearings remetalled.

Impeller shaft forward bearing remetalled.

PUMPS:-

Main circulating pump:

Steam engine - piston rod and slide spindle skimmed.

Crank shaft - skimmed, crank pin bearing and main bearings remetalled.

Pump - Impeller shaft renewed.

Mouth rings renewed.

Feed pumps (Weirs type):-

Inboard & outboard pumps - Steam side - Main & aux. steam valve chests skimmed.

Main & aux. steam valves renewed.

Piston rod skimmed, neck bush renewed.

Water side - Water cylinder liners renewed.

Piston rods skimmed, neck bush renewed.

Ballast Pump (Worthington type):- 2 water cylinder liners renewed.

G.S. Pump (Weirs type):- Steam side - Main & Aux. valves renewed.

Water side - Water cylinder liner renewed.

Fuel oil transfer pump (Weirs type):- Steam side - Main & Aux. slide valves renewed.

Piston rod skimmed.

Oil side - Cylinder liner renewed.

Oil Fuel Burning pumps (Weirs type):- Steam side - Both pumps piston rods renewed.

Both pumps main slide valve chest bored and valves renewed.

Oil side - Both pumps piston rods renewed.

Steering engine:- 1 Piston slide valve renewed.

Windlass:- 1 - Steam piston renewed.

2 - Crosshead pins renewed.

2 - Slide spindles renewed.

Boilers:- Port boiler (No.1): 72 smoke tubes renewed.

Centre boiler (No.2): 84 smoke tubes renewed.

Bottom blow off valve renewed.

Bottom plug renewed.

Starboard boiler (No.3): Bottom plug renewed.

Minor repairs effected.

ALTERATIONS:-

(1) At the request of the Owners one 15 KW emergency diesel generator set (velt driven) (second hand) has now been installed in accordance with the Rules at this time on Starboard aft floor in engine room. This generator set has been tested in accordance with the Rules and found satisfactory.

Particulars are as follows:-

Oil Engine Maker: Manufacturers and Sole Patentees
Russell Newbery & Co., Ltd.
Engine No.: 30BL170 B.H.P.: 27
No. of Cyl.: 3 Dia. of Cyl.: 104mm

Generator Maker: The Macfarlane Eng. Co., Ltd., Glasgow S4.
Series: 30810 Rating: Continuous
Volts: 115 Amp.: 130
R.P.M. 1500 K.W.: 15

(2) Lower Deep Tanks port & Starboard (water ballast) altered at this time and converted to oil fuel tanks.

Piping arrangements modified in accordance with the approved plan and the Rules, all as shown on approved plan enclosed herewith.

On completion piping arrangements were tested and found satisfactory.

Survey Certificate No. 31

issued - copy attached.

(P.T.O.)

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- (3) New Oil Fuel Settling Tank (capacity 200 liter) and piping arrangement for Emergency diesel generator engine have now been fitted with the approved plans and the Rules as shown on approved plan enclosed herewith..
On completion piping arrangement was tested and found satisfactory.

Interim Certificate No. BI-37887 issued- Copy attached.



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