





THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

H.P. piston rings - renewed.  
H.P., M.P. & L.P. astern guides - removed and faced up as necessary.  
H.P., M.P. & L.P. piston rod packing - examined and cleaned.  
M.P. slide valve spindle packing - examined and cleaned.  
H.P. astern eccentric sheave - removed, examined and adjusted as necessary.  
H.P. astern eccentric rod - removed, tested for truth and adjusted as necessary.  
Nos. 2 & 6 tunnel bearings, whitmetal - remetaled.  
Aftermost plunger block seating rivets - renewed as necessary.  
Screw shaft liner - skimmed up true.  
Screw shaft key - renewed.  
Propeller blades badly damaged and broken - spare propeller fitted to screw shaft at this time.  
Stern bush lignum vitae - rewooded and liner skimmed up to suit.  
Main engine thrust block and tunnel bearing holding down bolts - tested and hardened up or renewed as necessary.  
After pump lever drag link, one connecting rod - renewed.  
Main engine air pump kinghorn head valves - renewed.  
Air pump rod - skimmed up and rebushed.  
2 main bilge pump plungers - skimmed up and rebushed.  
Main feed suction and delivering kinghorn valves - renewed.  
Main condenser tubes - removed, cleaned, condenser tested.  
Auxiliary condenser tube - removed and cleaned, condenser tested.  
Evaporator blow down cock - renewed.  
Ballast pump water end liners - bored out and buckets renewed.  
Ballast pump piston rings - renewed.  
Auxiliary (winch) condenser circulating pump piston rings - renewed.  
Valve gear bushes - renewed.  
Auxiliary feed pump, steam and water packing rings - renewed.  
Valve gear bushes - renewed.  
Evaporator feed water inlet cock - renewed.  
2 circulating water cocks on thrust block - renewed.  
Dynamo engine piston rod - part renewed and rebushed.  
Dynamo engine piston valve - renewed.  
Dynamo engine piston rings - renewed.  
Dynamo engine commutator - removed, examined and adjusted as necessary.  
Windlass both cylinder piston rings - renewed.  
Windlass bottom end brasses - renewed.  
Windlass bearing brasses - renewed.  
All removals for access replaced in good order.

PART LMC NOW DONE:-

Vessel placed in dry dock, propeller, aft end of stern bush, sea cocks and valves with their shell fastenings examined and found or now placed in good condition.  
Tail Shaft with continuous liner examined and found or now placed in good condition.

Engines opened up for survey:-

All cylinders, pistons, valves and rods, crank, thrust and intermediate shafting, condenser, pumps, piping and pumping arrangements and auxiliaries examined and found or

(continued).

Rpt. No.

Port of Kobe.

( Machinery ) ( 2 )

Continuation of Report No. 9209 dated 20/8/35

on the "FORTHBRIDGE".

now placed in good condition.

The main steam pipes were tested by hydraulic pressure to twice W.P., and were annealed before testing.

Electric Fittings:-

Installation generally examined and tested under working conditions.  
Dynamo removed ashore megger tested, repaired now in good condition.

The 2 Main and One Auxiliary Boilers were examined over all parts with doors, mountings and safety valves and found or now placed in good condition. Safety valves adjusted under steam as stated above.

TO COMPLETE THE SURVEY LMC:- Funnel skirt to be repaired as necessary.  
The switchboard, fittings and electric cables to be examined and megger tested.

REPAIRS DUE TO WEAR AND TEAR:-

Stern bush nut chipped and cleaned where corroded, and filled in with cement.  
H.P. piston rod metallic packing top portion excessively worn, renewed.  
M.P. valve spindle circumferentially grooved in way of metallic packing - spindle placed in lathe and skimmed up, metallic packing excessively worn, renewed.  
M.P. piston rod metallic packing excessively worn, renewed.  
Cast Iron Distribution valve chest connected to auxiliary boiler feed pump - corroded in way of flange connection to pump, now renewed, tested by water pressure to 360 lbs per square inch and found satisfactory.

R.E.H.

RETAIN

