

NEWFOUNDLAND DOCKYARD

St. John's, N.F., 4th, October 1940

SPECIFICATION OF REPAIRS

S.S. " KORANTON "

G.T.R. 6695

Port of Registry Newcastle.

MAIN ENGINES:

White Metal in all Main bearings, bottom ends, L.P. guide shoes and L.P. eccentric strap badly damaged.

Main Bearing top halves, bottom ends and eccentric rods to be disconnected.
Crankshaft to be lifted, and thoroughly examined.
Alignment of Engine bed plate to be tested with engineroom tank full and pumped out.
Main Bearing bottom halves to be remetalled.
Crankshaft to be bedded in place, and aligned with face of thrust shaft coupling.
M.P. Crank Pin to be dressed off.
Bottom end shells to be remetalled, and fitted to crank pins in good working order.
L.P. Sternway guide shoe to be remetalled and fitted in place, broken bolt in guide to cross-head to be renewed.
L.P. Headway eccentric strap both halves to be remetalled and fitted.
Main Bearings, bottom ends and eccentric rods, all to be connected up in good working order.
All three crossheads to be opened out for examination of brasses and pins, and to be closed in good working order.
Main Engine foundation bolts to be gone over and hardened up.
New Dowel pin to be fitted in L.P. Crank.
Main Engine slide valve settings to be adjusted.

H.P. Crosshead guide shoe bolt broken.

Wyper Shaft bearings very slack.

L.P. Slide Valve spindle guide bearing very slack.

Guide Shoe to be removed, new bolt made and fitted and shoe replaced.

Top Halves to be removed and machined and bearings adjusted.

Bearing to be removed, machined and adjusted.

THRUST BLOCK:

Thrust Block shoes to be removed for examination, and refitted in good order.



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SPECIFICATION OF REPAIRS - S.S. " KORANTON " Continued.

MAIN ENGINE PUMPS:

Bilge Pump Plunger broken.
Feed and Bilge pump packing
out of order.

Main Engine Oil Pipes and
Oil Boxes.

Main Engine Water Service
pipes out of order.

Bilge Pump Plunger to be repaired.
Feed and Bilge Pumps to be repacked.

To be removed, thoroughly cleaned
internally with steam blown
through, broken parts to be
repaired, and all refitted in
good working order.

Main Pipes to be cleared of rust,
etc.
Cocks to be overhauled.
New extension pipes to be fitted.

CIRCULATING PUMP:

Coupling Bolts broken.
Crosshead Pin damaged.
White Metal in Main Bearings
and bottom ends damaged.
Lignum Vitae Bush on Impeller
shaft damaged.
Shaft Neck Bush damaged.
Valve Rod Pin damaged.

New Coupling Bolts to be fitted.
New Crosshead Pin in top end of
connecting rod to be fitted.
Main Bearings and bottom end to
be remetalled.
New Lignum Vitae bush and neck
bush to be fitted to Impeller
shaft.
New Valve Rod Pin to be fitted.
All to be connected up in good
working order.

WEIRS PUMP:

Weirs Feed Pump Bucket Rings worn.

Pump to be opened up, bucket
removed and new rings fitted.

FAN ENGINE:

Cylinder Cover, piston, and
crosshead bolts, broken.
White Metal in Main Bearings
damaged.

New Cylinder Cover, piston, and
crosshead bolts, to be fitted.
Main Bearings to be remetalled.
Engine to be connected up in
good working order.

DYNAMO:

Governor Gear out of order.
Engine out of order.

Governor Regulating Valve and
gear to be overhauled, and put
in efficient working order.
Engine to be opened up and
overhauled as necessary.

TANK SUCTION PIPES:

2 Pipes in Engineerroom broken.

To be disconnected and new
sections of pipe fitted.

ENGINE ROOM BILGE PIPES:

2 Bilge Suction Pipes broken.

To be repaired and refitted.



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SPECIFICATION OF REPAIRS - S.S. " KORANTON " - Continued.

STEAM HEATER:

out of order.

To be opened out, overhauled, and new pin fitted in tank float arm.

MAIN BOILERS:

Check Valves out of order.

Main and Auxiliary Check Valves to be opened, repaired as found necessary and closed in good working order.

4 Valve Seats renewed, 4 Valves renewed, spindles repaired. Shut off valves ground in.

VALLEY HOT WATER TANK:

~~New Tank supplied and fitted.~~

REMOVALS:

All removals in way of repairs to be replaced in good order.

TESTING:

After repairs are completed, the Main Engines and repaired Auxiliaries to be tested under working conditions.

R. Thompson

NEWFOUNDLAND DOCKYARD

J. Howard

OWNERS REPRESENTATIVE

D. M. Macfarlane

UNDERWRITERS' SURVEYOR

D. M. Macfarlane

CLASSIFICATION SURVEYOR



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