

COPY

Lloyd's Register of Shipping.

Port Kobe.

6th August, 1935.

This is to Certify that

A. B. Munro & C. Macpherson,

the undersigned Surveyor to this Society did at the request of the Owners' Representative, survey the

S/S "FORTHBRIDGE"

5140 tons gross, of West Hartlepool,

the 20th July, 1935, and subsequently, whilst the vessel lay

dry dock at Mitsubishi, for the purpose of ascertaining the

nature and extent of damage stated to have been caused by (A)

grounding at Simirara Island P.I. on the 30th June, 1935, whilst

on a voyage TAWAO Borneo to Osaka. (B) by Jettisoning deck cargo,

and by using vessel's machinery and equipment while endeavouring

refloat her between the 30th June and 4th July, 1935.

For further particulars see Log Books.

Vessel placed in dry dock.

The undersigned upon examination,

FOUND

RECOMMENDED

DAMAGE "A"

No. 1. Shell plates numbered from Aft.

to No. 19 strake.

No. 1 & 19 plates, indented.

No. 1 to be removed, faired and refitted.

No. 19 to be faired in place.

(continued).

This is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

The Committee use their best endeavours to ensure that the functions of the Society are properly executed, and that neither the Committee nor the Society are under any circumstances whatever to be held inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in or other publication of the Society, or for any error of judgment, default, or negligence of the Officers or Agents of the Society."

W494-0331 1/10

Lloyd's Register
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of Damage Report on the S/S "FORTHBRIDGE".
Kobe, 6th August, 1935.

RECOMMENDED

18 plates, Nos. 3, 9 & 17 to be faired in place.
No. 18 to be removed, faired & refitted.

plates, indented. To be faired in place.
buckled. To be removed, faired & refitted.
badly buckled. To be renewed.

plates, indented. No. 8 to be removed, faired & refitted.
No. 9 & 14 to be faired in place.
17 plates, badly To be renewed.

10, 13 & 14 plates, Nos. 8 & 10 to be removed, faired and
refitted.
Nos. 7, 9, 13 & 14 to be renewed.

5 & 16 plates, To be faired in place.

buckled. To be renewed.

plates, buckled. No. 9 to be removed, faired & refitted.
No. 10 to be faired in place.

side.

plates, badly To be renewed.

16, 17 & 18 plates To be faired in place.

16 & 17 plates, Nos. 2, 3, 15 & 17 to be faired
in place.
No. 16 to be removed, faired & refitted.

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W 494-0331 2/10

COPY

(3)

of Damage Report on the s/s "PORTLAND",
Kobe, 6th August, 1935.

REMARKS

RECOMMENDATIONS

Tested 11, 12, 13 & 14 plates.

No. 2, 3, 6 & 9 to be fixed in place.
No. 14 to be removed, fixed and refitted.

Tested 15 plates.

To be removed.

Tested 16, 17, 18, 19 & 20 plates.

To be fixed in place.

Tested 21 plates.

Tested 22 plates.

Tested 23 plates.

Tested 24 plates.

Tested 25 plates.

To be cropped, part removed, fixed and refitted, the butt to be electric welded.

Tested 26 plates.

To be removed.

Tested 27 plates.

To be removed, fixed & refitted.

Tested 28 plates.

To be fixed in place.

Tested 29 plates.

To be cropped and part removed.

Tested 30 plates.

To be fixed in place.

Tested 31 plates.

To be fixed in place.

Tested 32 plates.

Tested 33 plates.

Tested 34 plates.

To be fixed in place.

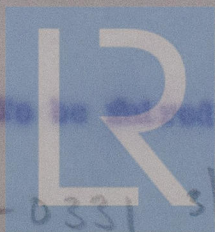
Tested 35 plates.

To be fixed in place.

Tested 36 plates.

To be fixed in place.

W 494 - 0331 3/10



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(4)

tion of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 6th August, 1935.

RECOMMENDED

le, slightly buckled in To be faired in place.

Double Bottom Tank.

slightly buckled. To be faired in place.

slightly buckled. To be faired in place.

intercostal plate top To be renewed as found necessary.

Side.

lower portion in way of To be faired in place.

ockets, slightly buckled.

Room.

slightly buckled. To be faired in place.

ockets with top and To be renewed.

le, badly buckled.

ocket with top and To be removed, faired & refitted.

es, buckled.

le, badly buckled. To be part cropped and renewed.

angle, badly buckled. To be part cropped and renewed.

ly buckled. To be cropped and part renewed.

buckled. To be cropped and removed, faired and refitted.

ightly buckled. To be faired in place.

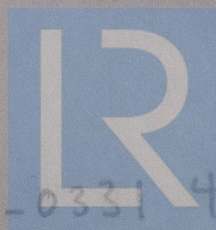
ly buckled. To be cropped and part renewed.

ailed. To be cropped, removed, faired and refitted.

ightly buckled. To be faired in place.

ame, slightly buckled. To be faired in place.

(continued).



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W494-0331 4/10

(5)

Kobe, 6th August, 1935.

RECOMMEND AND

Lightly buckled.

To be fixed in place.

Leol.

okled.

To be removed, faired and refitted.

all angle, buckled.

To be removed, repaired and refitted.

slightly buckled.

To be faired in place.

Also Keel.

backled.

To be removed, faired and refitted.

slightly buckled.

To be paired in place.

2. started.

Scarp to be riveted.

three lower arms.

All slack rivets to be renewed.

between gudgeons & arms
about 1/16".

Bulldozer to be lifted and adjusted.

brushes, excessively To be renewed.

To be renewed.

the brass sleeve.

To be renewed.

Steering rod guides and quadrants to be examined and adjusted as necessary.

Steering chains to be annealed.

in tanks and

To be renewed.

suction pipe to
port and starboard
hold, broken.

To be renewed.

uction pipe to
port and starboard
bunker, broken.

To be removed.

suction pipe to To be repaired.
engine room slightly

To be repaired.

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(continued).

W494-0331

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(6)

Damage Report on the S/S "FORTBRIDGE",
Kobe, 6th August, 1935.

RECOMMENDED

pipe to engine
port side, broken.

To be renewed.

pipe in No.4
wing, broken.

To be renewed.

pipe to No.5 tank
broken.

To be renewed.

pipe to
channel, broken.

To be renewed.

All air and sounding pipes to be
examined, repaired or renewed as
found necessary.

Fore and after peak tanks and
all double bottom tanks to be
tested on completion of repairs.
Shell repairs to be hose tested.

All removals for access to repairs
to be replaced in good order.

All broken or disturbed cement to
be renewed.

All new and disturbed work to be
recoated on completion of work.

h.

(P & S), bent.

To be fished in place.

badly torn.

To be renewed.

fore end of bridge.

broken.

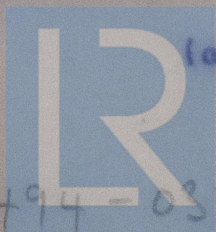
To be renewed.

To be renewed.

To be removed, fished & refitted.

portable) gangway

To be repaired.



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W 494-0331 6/10

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(7)

Statement of Damage Report on the S/S "FORTHBRIDGE".
Kobe, 6th August, 1935.

| <u>FOUND</u> | <u>RECOMMENDED</u> |
|--|---|
| Exhaust pipe, buckled. | To be repaired. |
| <u>Engineering shaft fore rigging.</u> | |
| Lines, bent. | To be removed, faired & refitted. |
| Lines, broken. | To be renewed or repaired. |
| <u>Handrails of bridge. (handrails)</u> | |
| Lines, bent. | To be removed, faired & refitted. |
| Trick span (for topping lift) (Master states this was before commencing discharging Oseka). | |
| Spanlin, badly torn. | To be renewed. |
| <u>No. 3 Hatch.</u> | |
| Handrail, bent in one | To be faired in place or removed, faired and refitted. |
| Handrail, bent in three | To be faired in place or removed, faired and refitted. |
| Spanlin, badly torn. | To be renewed. |
| <u>After end, handrails.</u> | |
| Lines, bent. | To be removed, faired & refitted. |
| Lines, bent. | To be removed, faired & refitted. |
| <u>Accommodation.</u> | |
| Handrails, bent each side. | To be removed, faired & refitted. |
| <u>No. 4 hatch.</u> | |
| <u>After bridge deck.</u> | |
| Lines, broken. | To be renewed. |
| Lines, broken. | To be renewed. |
| Lines, bent. | To be removed, faired & refitted. |

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W 494-0331 7/10

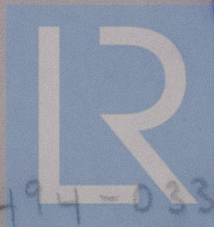
(10)

of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 6th August, 1935.

RECOMMENDED

| | |
|--|---|
| spindle packing, (stated). | To be examined and cleaned. |
| eccentric sheave, (stated). | To be removed, examined and adjusted as necessary. |
| eccentric rod, slightly by C.B. when ashore | To be removed, tested for truth and adjusted as necessary. |
| bearings, white- ed and badly run and | To be re-metalled. |
| near block seating. | To be renewed as necessary. |
| ner, worn. | To be skimmed up true. |
| slack in keyway. | To be renewed. |
| badly damaged and | Spare propeller to be fitted to screw shaft at this time. |
| um vitae excessively | To be renewed and liner skimmed up to suit. |
| rust block and tunnel down bolts, slack. | To be tested and hardened up or renewed as necessary. |
| er drag link, one broken. | To be renewed. |
| ump kinghorn head | To be renewed. |
| scored. | To be skimmed up and rebushed. |
| mp plungers, scored. | To be skimmed up and rebushed. |
| on and delivering buckled. | To be renewed. |
| tubes fouled. | To be removed, cleaned, condenser to be tested. |
| water tubes fouled. | To be removed and cleaned. condenser to be tested. |
| down cock, badly | To be renewed. |
| er and liners. | To be bored out and buckets renewed. |

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W494-0331

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(10)

Report of Damage Report on the S/S "FORTHBRIDGE".
Kobe, 6th August, 1935.

FOUND

RECOMMENDED

| | |
|--|--|
| (detached) piston rings, ly worn. | To be renewed. |
| (detached) condenser circulat- piston rings, excessively broken. | To be renewed. |
| valves, excessively worn. | To be renewed. |
| feed pump, steam and valves, excessively | To be renewed. |
| bushes, excessively worn. | To be renewed. |
| cool water inlet cock salvage operations. | To be renewed. |
| ing water cocks on broken during salvage (shaken). | To be renewed. |
| for piston rod. worn. | To be part renewed and rebushed. |
| valve piston valve, new bolts. | To be renewed. |
| ing piston rings, new worn. | To be renewed. |
| detached, stated detached and sparking. | To be removed, examined and adjusted as necessary. |
| with cylinder piston worn. | To be renewed. |
| tion and braces, | To be renewed. |
| ring braces, broken. | To be renewed. |
| | All removals for access to be replaced in good order. |

The foregoing recommendations were made with the view to
vessel in as good a condition as before the damages were

C. Macpherson &

A. C. Munro

SURVEYORS TO LLOYD'S REGISTER.

W/494-0331

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