

COPY

Lloyd's Register of Shipping.

Port Kobe.

19th August, 1935.

This is to Certify that

C. Macpherson & A. E. Munro,
the undersigned Surveyor to this Society did at the request of
Borneo & Co., Agents The Salvage Association, survey the
S/S "PONTERRIDGE",

5145 tons gross, of West Hartlepool,

on the 20th July, 1935, and subsequently, whilst the vessel lay
in 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 to 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"

All. Shell plates numbered from Aft.

keel strake.

No. 1 & 19 plates, indented.

No. 1 to be removed, faired and
refitted.

No. 19 to be faired in place.

Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that (continued).
The Committee use their best endeavours to ensure that the functions of the Society are properly executed,
understood that neither the Committee nor the Society are under any circumstances whatever to be held
responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in
Log Book or other publication of the Society, or for any error of judgment, default, or negligence of the
other Officers or Agents of the Society."

W 494-0329

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COPY

(2)

of Damage Report on the S/S "FORTHBRIDGE",
Kebe, 19th August, 1935.

RECOMMENDED

18 plates,	Nos. 3, 9 & 17 to be faired in place. No. 18 to be removed, faired & refitted.
16 plates, indented.	To be faired in place.
, buckled.	To be removed, faired & refitted.
, badly buckled.	To be renewed.
14 plates, indented.	No. 8 to be removed, faired & refitted. Nos. 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.
15 & 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.

(continued).

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of Damage Report on the s/s "PORTHBRIDGE",
Kebe, 19th August, 1935.

RECOMMENDED

9. & 14 plates.	Nos. 2, 3, 6 & 9 to be faired in place. No. 14 to be removed, faired and refitted.
badly indented.	To be renewed.
5, 6, 7, 8, 9 & 10 plates.	To be faired in place.
<u>Tank.</u>	
head bracket, starboard	To be faired in place.
ly buckled.	
portion of the bilge	To be cropped, part removed, faired and refitted, the butt to be electric welded.
10 frames in way of	
ts, buckled.	
brackets, badly buckled.	To be removed.
brackets, buckled.	To be removed, faired & refitted.
plate, buckled at two	To be faired in place.
badly buckled.	To be cropped & part renewed.
slightly buckled at	To be faired in place.
<u>Bottom Tank.</u>	
reverses, slightly	To be faired in place.
<u>Side.</u>	
portion in way of	To be faired in place.
ts, slightly buckled.	
cket, slightly buckled.	To be faired in place.
slightly buckled	To be faired in place.

To be faired in place.

(continued).

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3/11
94-0329
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Report of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 19th August, 1935.

	<u>RECOMMENDED</u>
slightly buckled in	To be faired in place.
<u>Bottom Tank.</u>	
slightly buckled.	To be faired in place.
slightly buckled.	To be faired in place.
intercostal plate top	To be renewed as found necessary.
<u>Side.</u>	
lower portion in way of	To be faired in place.
slightly buckled.	
slightly buckled.	To be faired in place.
slightly buckled.	To be renewed.
slightly buckled.	To be removed, faired & refitted.
slightly buckled.	To be part cropped and renewed.
slightly buckled.	To be part cropped and renewed.
slightly buckled.	To be cropped and part renewed.
slightly buckled.	To be cropped and removed, faired and refitted.
slightly buckled.	To be faired in place.
<u>Top Tank.</u>	
slightly buckled.	To be cropped and part renewed.
slightly buckled.	To be cropped, removed, faired and refitted.
slightly buckled.	To be faired in place.
slightly buckled.	To be faired in place.

(continued).



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(5)

Statement of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 19th August, 1935.

RECOMMENDED

... ..	To be faired in place.
... ..	To be removed, faired and refitted.
... ..	To be removed, faired and refitted.
... ..	To be faired in place.
... ..	To be removed, faired and refitted.
... ..	To be faired in place.
... ..	Scarp to be riveted.
... ..	All slack rivets to be renewed.
... ..	Rudder to be lifted and adjusted.
... ..	To be renewed.
... ..	To be renewed.
... ..	Steering rod guides and quadrants to be examined and adjusted as necessary.
... ..	Steering chains to be annealed.
... ..	To be renewed.
... ..	To be renewed.
... ..	To be renewed.
... ..	To be repaired.

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(6)

of Damage Report on the S/S "FORTHBRIDGE",
Kebe, 19th August, 1935.

RECOMMENDED

ion pipe to engine
port side, broken.

To be renewed.

ion pipe in No.4
ard wing, broken.

To be renewed.

ion pipe to No.5 tank
broken.

To be renewed.

suction pipe to
tunnel, 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.

atch.

angle (P & S), bent.

To be faired in place.

lin, badly torn.

To be renewed.

atch.

age fore end of bridge.

stanchion, broken.

To be renewed.

st.

To be renewed.

st.

To be removed, faired & refitted.

(portable) gangway

To be repaired.

st.

st.

st.



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(7)

of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 19th August, 1935.

RECOMMENDED

pipe, buckled.	To be repaired.
<u>the abaft fore rigging.</u>	
bent.	To be removed, faired and refitted.
	To be renewed or repaired.
<u>bridge. (handrails).</u>	
bent.	To be removed, faired and refitted.
span (from topping lift) after states this was commencing discharging at).	
in, badly torn.	To be renewed.
<u>Hatch.</u>	
rail, bent in one	To be faired in place or removed, faired and refitted.
l, bent in three	To be faired in place or removed, faired and refitted.
in, badly torn.	To be renewed.
<u>fter end, handrails.</u>	
bent,	To be removed, faired and refitted.
	To be removed, faired and refitted.
<u>ommation.</u>	
s, bent each side.	To be removed, faired and refitted.
<u>atch.</u>	
<u>fter bridge deck.</u>	
broken.	To be renewed.
	To be renewed.
	To be removed, faired and refitted.

(continued).



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(8)

Statement of Damage Report on the S/S "NORTHBRIDGE",
Kobe, 19th August, 1935.

RECOMMENDED

on bent.

To be removed, faired and refitted.

bent.

To be faired in place or removed,
faired and refitted.

(abreast rigging).

bent.

To be faired in place.

tarpaulin, badly

To be renewed.

hook ladder, missing To be renewed.
(knocked overboard).

able on forward well To be renewed as necessary.
head, damaged.

Port anchor to be examined.

Main engine cylinders, pistons, valves
and chests, crank, thrust and inter-
mediate shafts, main and auxiliary
condensers, pumps and valves, ballast
pump, auxiliary circulating pump, and
auxiliary feed pump, dynamo and engine,
steering engine and windlass, sea cocks
and valves to be opened up for examination.

Screw shaft to be drawn in removed ashore,
placed in lathe, examined and tested for
alignment.

All boilers to be opened up, cleaned
and examined.

Main and auxiliary steam pipes to be
removed ashore, annealed and tested
to twice working pressure.

ings, excessive To be renewed.

A.I.P. astern guides To be removed and faced up as necessary.
(stated).

A.I.P. piston rod To be examined and cleaned.
tested leaking badly.

(continued).



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(9)

Report to Division of Damage Report on the S/S "NORTHBRIDGE",
Kobe, 19th August, 1935.

	RECOMMENDED
valve spindle packing, (stated).	To be examined and cleaned.
eccentric sheave, (stated).	To be removed, examined and adjusted as necessary.
eccentric rod, slightly moved by C.R. when ashore (stated).	To be removed, tested for truth and adjusted as necessary.
tunnel bearings, white-lead and badly run and	To be re-metalled.
plunger block seating block.	To be renewed as necessary.
liner, worn.	To be skimmed up true.
key slack in keyway.	To be renewed.
blades, badly damaged and	Spare propeller to be fitted to screw shaft as this time.
lignum vitae excessively	To be rewooded and liner skimmed up to suit.
thrust block and tunnel holding down bolts, slack.	To be tested and hardened up or renewed as necessary.
lever drag link, one rod, broken.	To be renewed.
air pump kinghorn head buckled.	To be renewed.
rod, scored.	To be skimmed up and rebushed.
large pump plungers, scored.	To be skimmed up and rebushed.
suction and delivering valves, buckled.	To be renewed.
condenser tubes, fouled.	To be removed, cleaned, condenser to be tested.
condenser tubes, fouled.	To be removed and cleaned, condenser to be tested.
blow down cock, badly	To be renewed.
water end liners.	To be bored out and buckets renewed.



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(10)

on of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 19th August, 1935.

RECOMMENDED

... piston rings, ... worn.	To be renewed.
... (winch) condenser ... pump piston rings, ... worn and broken.	To be renewed.
... bush, excessively	To be renewed.
... feed pump, steam and ... ing rings, excessively	To be renewed.
... bush, excessively	To be renewed.
... feed water inlet cock ... ing salvage operations.	To be renewed.
... ing water cocks on ... ck, broken during ... erations. (choked).	To be renewed.
... ine piston rod, ... y worn.	To be part renewed and rebushed.
... ine piston valve, ... y worn.	To be renewed.
... ine piston rings, ... y worn.	To be renewed.
... ine commutator, stated ... rked and sparking.	To be removed, examined and adjusted as necessary.
... ith cylinder piston ... ssively worn.	To be renewed.
... etion and brasses,	To be renewed.
... earing brasses, broken.	To be renewed.

All removals for access to be
replaced in good order.

The foregoing recommendations were made with the view to
the vessel in as good a condition as before the damages were
and with the following additions, have been carried out to
action.



(continued).
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W494 0329

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(11)

of Damage Report on the S/S "FORTHBRIDGE",
Kobe, 19th August, 1935.

RECOMMENDED

plates, numbered from aft.

9. slightly indented. To be faired in place.

7. slightly indented. To be faired in place.

Side.

10. slightly indented. To be faired in place.

5. indented. To be removed, faired and refitted.

lining on forward
der post, lost. Wood stream lining to be renewed.

Distribution box and
tions of forward bulk- Distribution box to be renewed and
ward wall deck, carried wiring repaired.

The following list of stores are stated by the Captain to
be consumed while stranded between 30th June and 4th July, 1935.

3½" Manila Rope.

2½" Runner Wire.

1 large hook.

1 Ratline.

1 bunker coal.

1 engine oil.

C. Macpherson & A. Edumo.

SURVEYORS TO LLOYD'S REGISTER.



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