

COPY.

Lloyd's Register of Shipping.



Port

SOUTHAMPTON.

20th. May, 1930.

This is to Certify that

G. A. Dryden Toyne,

the undersigned Surveyor to this Society did at the request of the Owners, survey the S.S. "EMPERESS OF SCOTLAND", when on Floating Dock on the 11th. May, 1930, and subsequent dates, to ascertain the damage stated to have been caused by grounding off Quebec on the 30th. April, 1930.

ON EXAMINATION FOUND.

Slab keel Port side.
Forward length chafed and rivets leaking.

End. length of slab.
Keel leaking.

Shell Plating Starboard side.
Alstrake, No. 23 plate buckled.

A. No. 22 buckled.

A. No. 18 scored.

A. No. 16 buckled.

Nos. 14, 13, 11, 10, 9, & 7 numerous defective rivets.

No. 8 slightly set up and defective five rivets.

B. strake.
No. 19 plate scored.

RECOMMENDED.

Forward length to be dressed and built up. Rivets to be caulked or renewed as necessary.

Keel to be caulked.

Alstrake, No. 23 plate to be renewed.

A. No. 22 to be renewed.

A. No. 18 floors in way to be examined.

A. No. 16 to be removed, faired and replaced.

Nos. 14, 13, 11, 10, 9, & 7 to have defective rivets renewed.

No. 8 to be faired in place, and defective rivets renewed.

No. 19 plate, floors to be examined internally.

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

ON EXAMINATION FOUND.

15 & 14.
No. 18/plates chafed on edge.

No. 6 plate set up slightly.

Nos. 17, 13, 12, 11, 10, 9, 8, & 7
plates, defective rivets.

C. strake.
Nos. 15, 14 & 13 plates scored.

Nos. 12 & 9 plates scored and
defective rivets.

Nos. 11, 8, 7, 6, 5, & 4 plates, de-
fective rivets.

D. strake.
Nos. 18, 17, & 16 plates badly
scored.
Nos. 15, 14, 13 & 12 scored.

E. strake.
No. 15 plate chafed, defective
rivets and forward lap set up.

No. 16 plate set up.

No. 17 plate slightly set up.

Nos. 18 & 19 plates set up.

Nos. 20 & 21 edge of plate badly
chafed.

Nos. 22 & 23 set up slightly and
scored.

Keel Plate port side.
In way of A. 22 & 23 set up.

Shell port side.
A. 23 buckled and scored.

A. 22 & 21 set up.

Nos. 18, 15, 14, 13, 12, 11, 10, 9, & 8
plates, defective rivets.

No. 16 plate set up.

RECOMMENDED.

No. 18, 15 & 14 plates to be
renewed or edge built up.

No. 16 plate to be removed,
faired and replaced.

Nos. 17, 13, 12, 11, 10, 9, 8, & 7
plates, to have defective
rivets renewed.

Nos. 15, 14 & 13 plates to have
floors in way examined.

Nos. 12 & 9 plates to have de-
fective rivets renewed and
floors in way examined.

Nos. 11, 8, 7, 6, & 5 plates to
have defective rivets renewed.

Nos. 18, 17, 16, 15, 14, 13 & 12
plates to have floors examined
in way and defective rivets
renewed.

No. 15 plate to be faired in
place, defective rivets to be
renewed and floors in way to
examine.

No. 16 plate to be removed,
faired and replaced.

No. 17 plate to be faired in
place and floors in way to be
examined.

Nos. 18 & 19 plates to be re-
moved faired and replaced and
floors in way to be examined.

Nos. 20 & 21 to be renewed.

Nos. 22 & 23 to be faired in
place, floors in way to ex-
amine.

Keel Plate port side.
In way of A. 22 & 23 to be fair-
ed in place.

A. 23 to be renewed.

A. 22 to be removed, faired and
replaced.

A. 21 to be faired in place and
defective rivets renewed.

Nos. 18, 15, 14, 13, 12, 11, 10, 9, & 8
plates to have defective rivets
renewed, floor to examine in
way of No. 11.

No. 16 plate to be cut off, fair-
ed and replaced.

ON EXAMINATION FOUND.B. strake.

Nos. 23, 22, 19, 18, 16, 12, 11, 9, 8,
and 7, defective rivets.

Nos. 21 & 17 set up.

No. 20 buckled.

Nos. 16, 14 & 13 badly chafed.

No. 10 plate, lap at after end
chafed.

C. strake.

No. 18 plate scored.

Nos. 17, 16 & 13 slightly set up,
and rivets defective.

Nos. 12, 11, 10, 9, 8, 7, & 6 plates,
defective rivets.

D. strake.

No. 21 plate buckled.

No. 20 plate set up.

Nos. 15, 14, 13, 12, 11 & 10 plates,
defective rivets.

E. strake.

Nos. 15, 16, 17 & 18 defective
rivets.

F. strake.

Nos. 8, 9, 10, 11, 15, 16 & 17,
defective rivets.

No. 12 after lap chafed.

No. 13 plate buckled.

No. 14 edge chafed.

G. strake.

Nos. 6, 7, 8, 9, & 10, defective
rivets.

RECOMMENDED.

Nos. 23, 22, 19, 18, 16, 12, 11, 9, 8,
and 7, to have defective
rivets renewed.

Nos. 21 & 17 to be removed,
faired and replaced.

No. 20, 16, 14 & 13, to be re-
newed.

No. 10 plate lap to be built
up and defective rivets renewed.
Floors to examine in way of
buckled plates.

No. 18 plate, floors to examine
in way.

Nos. 17, 16 & 13 plates to be
faired in place and rivets
renewed.

Nos. 12, 11, 10, 9, 8, 7, & 6 plates
to have defective rivets re-
newed.

No. 21 plate to be renewed.

No. 20 plate to be cut off,
faired and replaced.

No. 15, 14, 13, 12, 11 & 10 plates,
to have defective rivets re-
newed.

Nos. 15, 16, 17 & 18 to have
riveting made good.

Nos. 8, 9, 10, 11, 15, 16, & 17, to
have riveting made good.

No. 12 to have after lap built
up and defective rivets re-
newed.

No. 13 plate to be renewed.

No. 14 edge to be built up and
rivets renewed.

Nos. 6, 7, 8, 9, & 10 to have rivet-
ing made good.
Double bottom tanks to be clean-
ed out and all broken cement
renewed.

All fittings, etc., disturbed
for effecting these repairs to
be made good as before.

These recommendations have been made and carried out in order to
plate the vessel in the same condition as before the above.

occurrence.

The following temporary repairs were recommended and carried out:--

No.1 D.B. Tank, Port side.

Defective rivets in Nos.22 & 23 plates renewed. Several rivets caulked.
Slab keel dressed up, leaky rivets caulked.
New pad for drain cock, and broken cement renewed.

No.2 Tank, Port side.

Slab keel and rivets caulked. Seams and rivets caulked, A.Nos. 20 & 21, B.21 & 22, C.17 & 18, D.21; rivets renewed in lap B.21.

No.2 D.B. Tank.

Slab keel rivets caulked. A.20 & 21 rivets and seams caulked.
B.22 seams and rivets caulked. B.21 defective rivets renewed.
C.17 & 18 rivets caulked. D.21 defective rivets renewed and seams caulked.

No.3 D.B. Tank.

A.19 rivets caulked. B.19 & 20 rivets and seams caulked. C.16 seam caulked. C.17 seam and rivets caulked. D.20 rivets caulked and some renewed. Laps and seams caulked. Broken cement renewed.

No.4 D.B. Tank. A.17 & 18, laps and seams caulked. B.17, lap caulked.

No.5 D.B. Tank.

A.16 laps, seams and rivets caulked. B.16 lap and seams leaking.
C.13 lap and rivets caulked. F.16 laps and rivets caulked.

No.6 D.B. Tank.

A.15 laps, seams, and rivets caulked. B.14 & 15 laps, seams and rivets caulked. C.12 laps, seams and rivets caulked. F.15 laps seams and rivets caulked.

No.7 D.B. Tank.

A.14 lap, seams and rivets caulked. B.14 lap, seams and rivets caulked. B.13 seam caulked. C.11 lap and rivets caulked.
D.14 & 15 lap and rivets caulked. F.14 lap, seams and rivets caulked. G.7 lap and rivets caulked.

No.8 D.B. Tank.

A.12 & 13 laps and rivets caulked. B.13 lap, seams and rivets caulked. C.10 lap and rivets caulked. F.12 seam and lap caulked. F.13 seam and rivets caulked. G.7 lap and rivets caulked. H.12 seam and lap caulked.

Sludge Tank.

C.9 lap and rivets caulked. D.12 lap and rivets caulked.
E.12 lap and rivets caulked. G.6 lap and rivets caulked.

No.9 D.B. Tank.

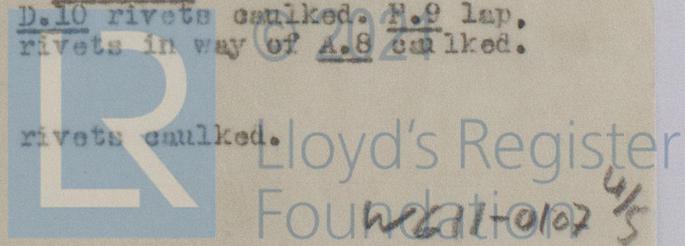
A.10 lap and rivets caulked. B.11 lap and rivets caulked.
C.8 & 7 lap and rivets caulked. D.10 seam and rivets caulked.
D.11 lap, seam and rivets caulked. F.10 rivets caulked.

No.10 D.B. Tank.

A.9 & 8 lap and rivets caulked. B.10 & 9 lap and rivets caulked.
C.5 & 6 lap and rivets caulked. D.10 rivets caulked. F.9 lap, seam and rivets caulked. Keel rivets in way of A.8 caulked.

No.11 D.B. Tank.

A few slight leaks in seams and rivets caulked.



Starboard Side.

No.1 D.B. Tank.

A.22 lap, seams, rivets and slab keel rivets caulked. Some rivets renewed.

A.23 seams, rivets and slab keel rivets caulked. Broken cement renewed.

No.4 D.B. Tank. Oil Fuel Tank.

B.16 lap rivets renewed. B.18 lap and seam chipped and caulked. Tank cleaned and tested after repairs.

Cofferdam.

B.19 caulked.

No.5 D.B. Tank.

A.16 lap and rivets caulked.

B.16 lap and rivets caulked.

C.13 lap and rivets caulked.

D.17 lap and rivets caulked.

E.22 odd rivets caulked.

No.6 D.B. Tank.

A.15 laps and rivets caulked.

B.15 laps and rivets caulked.

C.12 laps and rivets caulked.

E.21 laps and rivets caulked.

No.7 D.B. Tank.

A.14 lap and rivets caulked.

B.14 lap, seams and rivets caulked.

C.11 laps and rivets caulked.

D.15 laps and rivets caulked.

E.20 laps and rivets caulked.

A few odd rivets caulked.

No.8 D.B. Tank.

A.13 lap and rivets caulked.

B.13 lap and rivets caulked.

C.10 lap and rivets caulked.

D.13 lap and rivets caulked.

E.19 lap and rivets caulked.

Sludge Tank.

B.12-69 lap and rivets caulked.

No.9 D.B. Tank.

A.10 & 11 lap and rivets caulked. B.11 lap seam and rivets caulked

D.12 lap and rivets caulked. E.17 lap and rivets caulked.

No.10 D.B. Tank.

A.8 & 9 lap and rivets caulked. B.9, lap³, seam and rivets caulked.

10 rivets caulked. C.6 lap and rivets caulked. D.9 & 10 lap

and rivets caulked. E.16 rivets renewed.

No.11 D.B. Tank.

Cauked

B.8 lap, seams, and rivets ~~caulked~~. All tanks tested.

Fuss - 8.0

Monday Feb 2.2.0

G. A. Dryden Tomes

Surveyor to Lloyd's Register.



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Lloyd's Register
Foundation

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