

# REPORT of SURVEY for REPAIRS, &c.

Writing Report 22/5/30 When handed in at Local Office 22/5/30 Port of Southampton

Survey held at Southampton Date, First Survey 11<sup>th</sup> May Last Survey 16<sup>th</sup> May 1930

On the Wood, Iron or Steel T.S. S. EMPRESS OF SCOTLAND. (No. of Vessel)

TONNAGE: Built at Stettin By whom Art. Ges. Vulcan When 1905

ROSS 25160 Owners Canadian Pacific Ry. Ltd. Owners' Address (if not already recorded in Appendix to Register Book)

REGISTER DK. 20401 Managers Canadian Pacific Steamships Ltd. Port belonging to London

Surveyed in Dry Dock? Yes Name of Dock Floating Dock Destined Voyage Montreal

Capacity: Cell DBor DBa feet; uE&B feet; f feet; Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

Report, No. 3212 Port MK. CHARACTERS: 100 A 1 with rubber 1.30 L.M.C. 1.30 C.L. 1.30

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent repairs.

Damage cases where the Surveyor has not made a special damage report he is required to state whether he has rendered his services for this purpose and to whom and why they were declined

Was a damage report made by anyone else? If so, by whom? Mr. Williams

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage stated to have been caused by vessel grounding off Quebec 30<sup>th</sup> April 1930.

Vessel placed on Pontoon. Bottom & Rudder cleared & examined

Damage to Starboard P. side chafed & rivets leaking

Shell Plating Starboard Side. A No. 22 & 23 buckled. A-18 scored, A-16 slightly buckled

A-14-13-11-10-9 & 7 rivets leaking. A-8 slightly set up & rivets leak

Big slightly scored, No 18-15-14 chafed, No 6 slightly set up.

No 17-13-12-11-10-9-8 & 7 leaking rivets

Starboard. No 15-14 & 13 plates scored, No 12 & 9 scored & some rivets leaking

No 11-8-7-6-5 & 4 plates rivets leaking. J Strake No 18-17-16-15-14-13 & 12 scored

Summary of Damage Repairs: Shell Plates, Frames, R. Frames, Floors, Beams, Str. Plates, Dk. Plates, Other Items: -

General Observations, Opinion as to Class, Recommendation, &c.:-

This vessel in my opinion is eligible to remain as classed & to have record of survey 5.30 subject to permanent repairs to bottom plating at owners convenience & plating being drilled when 36 years old or at next S.S. thereafter

Survey Fees (per Section 29) 8 8 0 Special Damage or Repair Fee (if any) 4 4 0 Travelling Expenses (if chargeable) 2 2 0

Fees applied for, 12/19/30 Received by me, 20/6/30

Signature: P.A. Dryden Toyn Surveyor to Lloyd's Register of Shipping.

Committee's Minute) FRI. 13 JUN 1930 FRI. 19 DEC 1930

Character Assigned 100 A 1 subject with freeboard fitted for oil fuel



Certificate required? If so, to be sent to

T.S.S. "EMPERESS OF SCOTLAND"

Star Side Contin<sup>g</sup>

E Strake No 15 chafed, lap set up + rivets leaking, No 16 set up, No 17 slightly set up  
No 18 + 19 set up, No 20 + 21 edge chafed, No 22 + 23 slightly set up + scored.

Keel Plate Port side in way of A 22 + 3 set up

Shell Port Side

A 23 buckled + scored. A 22 + 21 set up + rivets leaking

No 18-15-14-13-12-11-10-9 + 8 some leaking rivets

No 16 plate set up

B Strake No 23-22-18-16-12-11-9-8 + 7 some rivets leaking

No 21 + 17 set up. No 20 buckled, No 16-14-13 badly chafed on edge

No 10 after lap chafed

C Strake. No 18 plate scored, No 17-16 + 13 slightly set up.

No 12-11-10-9-8-7 + 6 rivets leaking

D Strake. No 21 plate buckled, No 20 plate set up. No 15-14-13-12-11 + 10 rivets leaking

E Strake. No 15-16-17 + 18 rivets leaking, No 12 after lap chafed

F Strake No 8-9-10-11-15-16 + 17 with leaking, No 13 buckled, No 14 edge chafed.

G " No 6-7-8-9 + 10 rivets leaking.

As it was not convenient to effect permanent repairs at this time the following temporary repairs were carried out

No 1 D.B. Tank. Defective rivets A. 22 + 23 renewed or caulked.

Slab had dressed up + rivets caulked, broken cement renewed  
New pad for drain cock fitted.

No 2 D.B. Tank Port. Slab had rivets caulked. A 20 + 21 rivets + seams caulked

A 20-21, B 21 + 2, C 17 + 18 + D 21 rivets caulked or renewed + seams caulked

No 3 D.B. A 19 rivets caulked, B 19 + 20 rivets + seams caulked

C 16 seam caulked, C 17 rivets + seams caulked, D 20 rivets renewed + caulked. Laps + seams caulked. Broken cement renewed

No 4 D.B. A 17-18 Laps + seams caulked, B 17 Lap caulked.

No 5 D.B. A 15 laps, seams + rivets caulked B. 16 lap + seams caulked

C 13 laps + rivets caulked, F 16 laps + rivets caulked.

No 6 D.B. A 15 laps, seams + rivets caulked. B 14 + 15 laps seams + rivets caulked

C 12 laps seams + rivets caulked F 15 laps seams + rivets caulked

No 7 D.B. A 14 lap, seams + rivets caulked, B 14 lap seams + rivets caulked

B 13 lap caulked C 11 lap + rivets caulked, D 14 + 15 laps + rivets caulked

F 14 lap, seams + rivets caulked, C 15 lap + rivets caulked.

No 8 D.B. A 12 + 13 laps + rivets caulked. B 13 lap + rivets caulked. C 10

lap + rivets caulked. F 12 seam + lap caulked. F 13 seam +

rivets caulked G 7 lap + rivets caulked. H 12 seams + lap caulked.

H 12 seam + lap caulked.

Sludge Tank. C 9 lap + rivets caulked, B 12 lap + rivets caulked

E 12 + G 6 laps + rivets caulked

No 9 D.B. A 10, B 11, C 6 + 7 laps + rivets caulked. D 10 seams + rivets

caulked. D 11 lap, seam + rivets caulked. F 10 rivets caulked

No 10 D.B. A. 9 + 8 B 10 + 9 C 5 + 6 laps + rivets caulked. D 10 rivets caulked

F 9 lap seam + rivets caulked. Hal rivets caulked

## T. S. S. EMPRESS OF SCOTLAND

Temporary repairs Contd.

No 11 D.B. Tank. a few slight leaks in seams + rivets caulked  
Star Side. No 10 D.B. Tank. A 22 lap, seams, rivets + slab but rivets renewed  
or caulked.

A 23 seams, rivets + slab but caulked.

No 4 D.B. B 17 lap rivets renewed. B 18 lap + seams clipped + caulked  
Cofferdam. B 19 caulked.

No 5 D.B. A 16 Lap + rivets caulked. B 16, C 13, D 17 laps + rivets caulked.  
E 22 odd rivets caulked.

No 6 D.B. A 15, B 15, C 12, E 21 laps + rivets caulked.

No 7 D.B. A 14, C 11, E 20, D 13 laps + rivets caulked. B 14 lap, seams + rivets  
caulked. a few odd rivets caulked.

No 8 D.B. A 13, B 13, C 10, D 13 + E 19 laps + rivets caulked.

Sludge Tank B 12, C 9 lap + rivets caulked.

No 9 D.B. A 10 + 11, B 12, E 17 laps + rivets caulked. B 11 lap, seams + rivets caulked.

No 10 D.B. A 8 + 9, C 6, D 9 + 10 laps + rivets caulked.

B 9 lap, seam + rivets caulked, B 10 rivets caulked, E 16 rivets renewed

No 11 D.B. Tank. B. 8 lap, seams + rivets caulked

all double bottom tanks tested on completion of repairs

It is proposed to defer permanent repairs as detailed  
on Damage report until a more convenient opportunity  
& this in my opinion is satisfactory

G. A. Dyden Toyn

RETAINED