

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 5.8.53 When handed in at Local Office 5.7 AUG 53 Port of London
 No. in Reg. Book Survey held at Tilbury Date, First Survey 7.7.53 Last Survey 1.8.1953
 on the Wood, Iron or Steel 16.5c EMPIRE CELTIC

08839 TONNAGE: Built at Lauzon P.Q. By whom Davie S.B. & Regg. Co. Ltd. When 1945 MONTH 9
 GROSS 4291 Owners Ministry of Transport Owners' Address --
 UNDER DECK 4055 Managers Atlantic Steam Nav. Co. Ltd. Port belonging to London
 NET 2425

Surveyed Afloat or in Dry Dock? Both Name of Dock Tilbury Destined Voyage
 Cell DBor DBa feet: uEgB feet: f feet: f
 total capacity tons: FTT tons: APT tons: MT feet: tons: Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.

Last Report, No. 126778 Port London

Periodical Surveys, when held, must be reported in detail and in writing in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

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

Yes — Owners Left. — not reqd.

Was a damage report made by anyone else? if so, by whom? Various Surveyors

REPAIRS, OR EXAMINATION AS PER RULE FOR

Dry Docking and Damage alleged to have been sustained through encountering Heavy Weather in the North Sea between Thames & Elbe 31/1/53 to 3/2/53 and S.R.L.
 how done Vessel placed in drydock, bottom, sternframes & rudders cleaned, examined, found or placed in order & afterwards recoated.
 Weather decks, casings, hatchways & coamings, ventilators steering gear & capstans examined.

S.R.L. After part of Vessel in way of cargo specially examined & found or made efficient as reported overhead.

| SUMMARY OF DAMAGE REPAIRS:— | Shell Plates. | Frames. | R. Frames. | Floors and Bracket Floors. | Beams. | Inner Bottom Plates. | Dk. Plates. | Other Items:— |
|--------------------------------|---------------|---------|------------|----------------------------|--------|----------------------|-------------|---------------|
| Renewed | | | | | | | | |
| Removed and Fair'd or Repaired | | | | | | | | |
| Fair'd or Repaired in place | | | | | | | | |

PRESENT CONDITION OF THE

| | | | | | | | |
|--|-------------|--|-------------|-------------------------------------|-------------------|----------------------------------|----------------------------|
| Decks | Good | Bulkheads | 16 end Good | Engine Room Skylights | Good | Copper, or Y.M. | ✓ |
| Caulking of Decks | " | Ceiling | " | Coal Bunkers, Openings, Covers, &c. | " | (State if on Felt.) | ✓ |
| Coamings | " | Cement or Asphalt | " | Oil Bunkers | 16 end Good | When fitted, Month | ✓ Year |
| Beams & Fastenings | 16 end Good | Rudder | Good | Scuppers | " | Boats | ✓ |
| Outside Plating | " | Steering gear and its connections | Efficient | Cargo Hatchways | Good | Masts, Yards, &c. | Good from 16 |
| " " in way of sidelights | " | Have pumps been examined and found efficient? | No | Hatches | " | Condition, how ascertained | (State if wedges removed.) |
| Frames | 16 end Good | Have Sluice Valves been examined and found efficient? | " | Planking | " | Equipment letter | " |
| Reverse Frames | " | Have Watertight Doors been examined and found efficient? | No | Caulking | " | Anchors, No. of | " |
| Longitudinals | 16 end Good | Have Ventilators and their Coatings been examined and found efficient? | Yes | Treenails | " | Cables (State if now ranged) | " |
| Transverses | " | Air and Sounding Pipes | " | Breasthooks & Stemson | " | " length (on board.) mean diamr. | " |
| Floors | " | Doubling Plates under Sounding Pipes | " | Transoms, Pointers & Crutches | " | " Rule length size | " |
| Keelsons | " | | | Timbers of Frame at openings | " | Chain Locker | " |
| Stringers | " | | | " " at other places | " | Hawsers & Warps | Sufficient |
| Inner Bottom Plating | " | | | Stringers, Clamps & Shelves | " | Standing and Running Rigging | " |
| Have the Tanks been examined internally? | See Rpt | | | Salting | State if examined | Sails | " |
| Have the Tanks been tested? | " | | | | | | |

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

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:— "to remain as classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1.38," or "to remain as classed and to have record of survey, 1.38, and the notations of ss No. 1.38."

This vessel is eligible to remain as classed & to have record of docking 7.53 subject to permanent repairs being effected to bottom & 16 tanks, as next dry docking and to all other outstanding conditions of class being dealt with as recommended.

| | | | | |
|--|-----|---|-------|-------------------------------|
| Survey Fee (per Section 23) | 2 | : | : | Fees applied for, 57 AUG 1953 |
| Special Damage Repair Fee (if any) (per Sec. 23) | 221 | : | 0 : 0 | Received by me, 19 |
| Travelling Expenses (if chargeable) | 2 | : | : | |
| Spec. Attendance 30/31/1/53 | 2 | : | : | |
| Second-Surveyor's Fee (if any) | 2 | : | 8 : 0 | |

Committee's Minute TUESDAY 25 AUG 1953

Character Assigned 7.53 Lon, subject (with endorsement) D

C. Lloyd & Roberts
 Surveyor to Lloyd's Register of Shipping.



After Corners of Nos 1 & 2 Latchways.

Repairs W & T. Rudders lifted, Top bearings, and pintles & gudgeon bearings adjusted. Link gear pins & bearings adjusted & steering gear tried under way on completion with satisfactory results. 2 Ramp & 2 Bow Doringe pins renewed. A number of minor repairs effected. Capstans overhauled & tested.

Repairs in way of Skegs Inboard skeg plating port side found fractured
(Damage) now cropped & part renewed.
One fracture in floor in A.P. Tank used out & welded

After Peak Tank tested on completion & found tight.

| Number of Certificate. | Anchors.* | WEIGHT EX. STOCK. | | | WEIGHT OF STOCK. | | | TEST PER CERTIFICATE. | | | | WEIGHT REQUIRED BY RULE. | | | | Description of Anchor. | Makers. | Where and when tested and Superintendent. |
|------------------------|-------------------|-------------------|------|------|------------------|------|------|-----------------------|-------|------|------|--------------------------|------|------|--|------------------------|---------|---|
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | | | | |
| | 1st Bower | | | | | | | | | | | | | | | | | |
| | 2nd " | | | | | | | | | | | | | | | | | |
| | 3rd " | | | | | | | | | | | | | | | | | |
| | Collective Weight | | | | | | | | | | | | | | | | | |
| | Stream | | | | | | | | | | | | | | | | | |
| | Kedge | | | | | | | | | | | | | | | | | |

CHAIN CABLES.

[illegible]

Internal Tank Repairs Nº 12 Tank Approx 120 slack rivets renewed
(Damage.) Nº 14 Tank Approx 200 slack rivets renewed & 3 slight fractures
Nº 15 Tank 3 Web frames & 3 Web Stiffeners to | in web frames rec'd & welded
Nº 16 Tank bulkhead cut out & renewed. Approx 200 slack rivets renewed
and ^{defective} riveted transverse connections to bottom shell replaced by welding.
Nº 17 Tank 1 Web frame renewed. Approx 250 slack rivets renewed and
defective riveted bottom transverse connections to bottom shell replaced by welding.
N. 18 Tank. Approx 150 slack rivets renewed & defective bottom transverse riveted
connections to bottom shell replaced by welding.

EMPIRE CELTIC.DAMAGE.Tank Repairs Contd.

Nº 16 Tank 1 Bottom transverse cropped & pt renewed prs.
 3 Deck transverses cropped & pt renewed
 and part faired in place prs.
 Approx 500 slack rivets renewed.
 A slight leak was found in bottom riveting
 on starbd side of centre girder at mid length
 of this tank just prior to sailing and an
 efficient cement box was fitted in way as a
 temporary repair & it is recommended this
 be permanently dealt with next dry docking.
 Other defective bottom transverse riveted connections
 to bottom shell replaced by welding.

Nº 19 Tank. 1 Bottom transverse cropped & pt renewed prs.
 3 Deck transverses cropped & pt renewed and
 part faired in place prs.
 Approx 500 slack rivets renewed
 Defective bottom transverse riveted connections
 to bottom shell replaced by welding.

On completion of repairs all tanks in way
 of repairs tested & found satisfactory.

S.R.L. Delete "Hatch Corners &c"
 Insert "Rim Repairs to bottom riveting of starbd centre transverse
 in Nº 16 Tank at next dry docking"

Alk.