

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 22/2/42 When handed in at Local Office 25/2/42 to Port of London
 No. in Survey held at London Date, First Survey 6/8/41 Last Survey 10/2/42 1942
 Reg. Book. 36417 on the Wood, Iron or Steel S.S. EMPIRE EXPLORER ex INANDA

TONNAGE:— Built at Newcastle By whom Swan Hunter & Wigham When 1925 5
 GROSS 5345 Owners Ministry of War Transport Owners' Address Richardson & Co.
 UNDER DK. 4742 Managers T. J. Harrison Port belonging to London
 NET 3180

Surveyed Afloat or in Dry Dock? Both Name of Dock K. George V. and S.W. India Destined Voyage
 Cell/D Box/D Ba feet; uE&B feet; f Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)
 total capacity tons. FPT tons; APT tons; MT feet tons.

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

Last Report, No. 109098 Port Lon.

Periodical Surveys, when held, must be reported in detail and serially 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, not required

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

Society's Freeboard (if assigned) as painted on Ship and now verified 5 ft 5 3/4 ins

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage stated to have been sustained through enemy action on the 7th September 1940 while lying in the R. Victoria Dock, Conversion to cargo carrier, and Special Survey 2nd No.

How done: Vessel placed in dry dock.

The vessel has been converted at this time from passenger and cargo service to cargo service only, the boat and promenade decks having been removed.

The following damage repairs now effected:

Shell port side, from aft

"L" (bridge sheerstrake) nos. 5, 6, 7, 8, 9, 10, 11 + 12 renewed.

Sidelights cut in sheerstrake "L" in way of gunner's accommodation aft only (b) OVER

| SUMMARY OF DAMAGE REPAIRS:— | Shell Plates. | Frames. | R. Frames. | Floors and Bracket Floors | Beams. | Inner Bottom Plates. | Dk. Plates. | Other Items:— |
|--------------------------------|---------------|---------|------------|---------------------------|----------|----------------------|-------------|---------------|
| Renewed | 22 | 6 shot | | | 174 5/16 | | 134 + 7/16 | As report |
| Removed and Fair'd or Repaired | 1 | | | | 5 | | 2 | |
| Fair'd or Repaired in place | 16 | | | | | | | |

PRESENT CONDITION OF THE

| Decks | Bulkheads | Engine Room Skylights | Copper, or Y.M. (State if on Felt.) |
|--|--|-------------------------------------|---|
| Good | Good | Good | When fitted Month Year |
| Caulking of Decks | Ceiling | Coal Bunkers, Openings, Covers, &c. | Boats |
| Coamings | Cement <u>on Asphelt</u> | Oil Bunkers. | Masts, Yards, &c. |
| Beams & Fastenings | Rudder | Scuppers | Condition, how ascertained <u>Rigger's report</u> |
| Outside Plating | Steering gear and its connections | Cargo Hatchways | Equipment letter |
| " " in way of sidelights | Windlass | Hatches | Anchors, No. of |
| Frames | Have pumps been examined and found efficient? | Planking | Cables (State if now ranged) |
| Reverse Frames | Have Sluice Valves been examined and found efficient? | Caulking | " length <u>270 fms</u> mean diamr <u>2 3/16</u> |
| Longitudinals | Have Watertight Doors been examined and found efficient? | Treenails | " Rule length <u>270 fms</u> size <u>2 3/16</u> |
| Transverses | Have Ventilators and their Coamings been examined and found efficient? | Breasthooks & Stemson | Chain Locker |
| Floors | Have the Tanks been examined internally? | Transoms, Pointers & Crutches | Hawser & Warps |
| Keelsons | Have the Tanks been tested? | Timbers of Frame at openings | Standing and Running Rigging |
| Stringers | Air and Sounding Pipes | " " at other places | Sails |
| Inner Bottom Plating | Doubling Plates under Sounding Pipes | Stringers, Stamps & Shelves | |
| Have the Tanks been examined internally? | | Salting | |
| Have the Tanks been tested? | | (State if examined.) | |

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 in my opinion to remain as classed with the notation S.S. Lon. No. 1-42 and record of docking 1.42 subject to base of sternframe (E.W. 3.40) being specially examined at next docking.

| | | |
|---|---------------|-------------------|
| Survey Fee (per Section 29) | £ 18 : 15 : 0 | Fees applied for, |
| Special Damage or Repair Fee (if any) (per Sec. 29) | £ 105 : 0 : 0 | 27 FEB 1942 |
| Travelling Expenses (if chargeable) | £ 21 : 0 : 0 | Received by me, |
| Second Surveyor's Fee (if any) | £ | 19 |

Committee's Minute

Character Assigned

TUE. 28 APR 1942

100/17 Subject
 S.S. 41
 S.S. No. 1-42
 + Lmc. 2.42

Fees applied for,

Received by me,

Arthur H. Smith
 Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
 Foundation
 W 32-0003

10 m. 40. T. (MADE AND PRINTED IN ENGLAND)

"EMPIRE EXPLORER"

Erection bulkheads at forward and after ends of bridge deck renewed complete, No. 3 hatchway on bridge and upper decks renewed, all in accordance with approved plans.

New storeroom fitted at fore end of bridge tween deck.

Engine room bulkhead at aft end on p+s. sides wing plate cropped and part renewed and next 2 plates renewed.

Engine's store renewed. Steelwork hose tested as required on completion of repairs.

In view of the fact that the bridge deck sheerstrake (now renewed complete) had been under fire it was decided to take bend and tensile tests of the very badly affected plates.

The bend tests were found satisfactory and tensile tests gave the following results.

| Thickness | area | Load | Tons/sq | Extension |
|-----------|------|------|---------|-----------|
| .66 | 1.11 | 27.4 | 24.6 ✓ | 29.2% |
| .66 | 1.07 | 26.5 | 24.7 ✓ | 28.6% |

All air and sounding pipes, strum boxes, bilge and tank suction, cement chocks, ceiling, sparring, overhauled and repaired or renewed as required. Storm valves renewed as required.

The fore peak and aft peak tanks, deep tank, and all double bottom tanks were examined internally and tested.

Striking plates renewed where required.

Side, tween deck and cross bunkers examined, scaled as required and coated.

Copies of the following approved plans accompanies this report:-

Bridge deck, upper deck, deckhouses & casings, bridge end bulkheads

General arrangement as a cargo carrier herewith, also part shell expansion.

S.S. 2nd No 1:- Vessel again placed in dry dock (1/42), bottom & rudder cleaned, examined and coated.

All holds, tween decks, air and sounding pipes examined.

Fore peak and aft peak spaces, engine and boiler spaces, bunkers (side, tween and cross) examined.

Fore and after peak tanks, deep tank, and all double bottom tanks examined internally and tested.

Tanks scaled as required and coated.

Weather decks, hatch coamings, beams, covers, tarpaulins, battening down arrangements, vents, machinery casings, openings examined.

Anchor, cables, chain locker, masts & rigging (see report attached) and general equipment examined.

Plating under sidelights, hand pump & W.T. doors examined & tried.

Windlass and steering examined and tried under power.

Freeboard verified.

Arthur N. Smith

OVER

Port of LondonContinuation of Report No. 110,267 dated 22/2/42

on the

S.S. "EMPIRE EXPLORER"Repairs Several stiffener brackets in deep tank renewed.Rudder all bushes renewed in the gudgeons, and 4 risers renewed.
In side lower bunkers several doublings fitted on account of local wastage.S.R.L. indented keel and shell plating examined. Mr Smith by telephone states he is satisfied
no repairs are considered necessary and the seaworthiness of the ship not being affected it is considered that this item could be deleted.

Stem frame (EW 3,40) examined and found to continue efficient.

New tonnages Gross 5344.64
U.D. 4742.26
Net 3180.23Port of Registry London.

Loadline Certificate endorsed for deeper loading.

Arthur N. Smith



© 2020

Lloyd's Register
Foundation