

-5 JUN 1929

No. 48046

## REPORT of SURVEY for REPAIRS, &amp;c.

Date of writing Report 25.5.29 When handed in at Local Office 25<sup>th</sup> May 29 Port of CARDIFFNo. in Survey held at Cardiff Date, First Survey 3.4.29 Last Survey 17.5.1929  
Reg. Book. (No. of Visits 22)80982 on the ~~Wood, Iron or Steel~~ S.S. "PENOLVER"TONNAGE: Built at W. Hartlepool By whom W. Gray & Co. Ltd. When 1912 6  
GROSS 3721 Owners R.B. Skelton Str. Hav. Co. Ltd. Owners' Address ✓  
UNDER DE. 3474 (if not already recorded in Appendix to Register Book).  
NET 2338 Managers F. Shearman Port belonging to Falmouth

Surveyed Afloat or in Dry Dock? Both Name of Dock Mount Stuart Dry Destined Voyage

WB=CellDBorDBa feet; uE&B feet; f feet  
total capacity tons. FPT tons; APT tons; MT feet tons.

Particulars of Classification (which must be inserted precisely as in Register Book &amp; Supplements).

| CHARACTER.                                     | Years since last survey | Machinery and Boiler Surveys (including date of N.B., if any). |
|--|-------------------------|--|
| * for Special Survey.                          |                         |  |
| Date of last Survey and of Periodical Surveys. |                         |  |
| +100 A1  |                         | + LMC  |
| 2,28   |                         | MS 11,25   |
| SS Eff N° 3-11,25                              |                         | MBS 2,28   |
|  |                         | DBS 8,27   |
|  |                         | TS (CL) 2,28   |

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

If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No. 47285 Port Cff.

Periodical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. 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

Society's Freeboard (if assigned) as painted on Ship and now verified 4 ft. 9 1/2 ins.

Was a damage report made by anyone else? If so, by whom Salvage Association

PAIRS, OR EXAMINATION AS PER RULE, FOR Damage &amp; S.S. 2nd N° 1 (due 11,29), the damage stated to have been sustained by

- 1) fire in the port bridge space bunker from the 22nd to 26th Sept, 1928, while on voyage Newport, Mon, to Rosario,
- 2) heavy weather on the 27th & 28th Sept, 1928, from 27th to 29th Nov, 1928, on the 11th Jan, 1929, & from 26th to 29th Jan, 1929, on various voyages,
- 3) grounding on the 17th Jan, 1929, while on voyage Galveston to Alicante, and
- 4) cause not stated.

how done:- Vessel placed in dry dock, the bottom &amp; rudder cleaned and examined &amp; the following damage repairs effected:-

| SUMMARY OF DAMAGE REPAIRS:-        | Shell Plates. | Frames. | R. Frames. | Floors. | Beams. | Str. Plates. | Dk. Plates. | Other Items:-                    |
|------------------------------------|---------------|---------|------------|---------|--------|--------------|-------------|----------------------------------|
| Renewed ...                        |               |         |            |         |        |              |             | 2 shell plates part doubled.     |
| Removed and Paired or Repaired ... | 4             |         |            |         |        |              |             | Steering connections overhauled. |
| Paired or Repaired in place ...    | 1             | 3       |            |         |        |              |             |                                  |

## PRESENT CONDITION OF THE

|                      |      |  |               |                                    |       |                                 |                         |
|----------------------|------|--|---------------|------------------------------------|-------|---------------------------------|-------------------------|
| Planking of Decks    | Good | State if Tanks have been examined inside                               | Yes           | Dbing. Plates under Sounding Pipes | Good  | Copper, or Y.M. of Wood Vessels | Good                    |
| Paintings            | "    | State if Tanks now tested  | Yes           | Engine Room Skylights              | "     | (State if on Feet).             | When put on, Month Year |
| Nails & Fastenings   | "    | Bulkheads  | Good          | Coal Bunkers, Open'gs, Lids, &c.   | "     | Boats                           | Good                    |
| Inside Plating       | "    | Ceiling  | "             | Scuppers                           | "     | Masts, Yards, &c.               | "                       |
| Keelstrakes          | "    | Cement or Asphalt  | Cement - Good | Cargo Hatchways                    | "     | Condition, how ascertained      | By exam.                |
| Transoms             | "    | (State which.)   | Good          | Hatches                            | "     | (State if wedges removed)       | None                    |
| Overboard Frames     | "    | Rudder   | Good          | Planking of Wood Vessels           | "     | Sails                           | ✓                       |
| Longitudinals        | ✓    | Steering gear and its connections                                      | "             | Caulking                           | ditto | Equipment letter                | W                       |
| Transverses          | ✓    | Windlass   | "             | Treenails                          | ditto | Anchors, No. of                 | 313, 15, 1K             |
| Floors               | Good | Have Pumps now been examined and found efficient?                      | Yes           | Breasthooks & Stemson              | ditto | Cables (State if now ranged)    | Yes                     |
| Keelsons             | "    | Have Sluice Valves now been examined and found efficient?              | ✓             | Timbers of Frame at openings       | ditto | " length                        | 270 fms size 1 3/8 in   |
| Stringers            | "    | Have Watertight Doors now been examined and found efficient?           | Yes           | Ditto ditto at other places        | ditto | " Rule length                   | 270 " size 2 1/16       |
| Inner Bottom Plating | "    | Have Ventilators and their Coamings been examined and found efficient? | Yes           | Stringers, Clamps & Shells         | ditto | Hawser & Warps                  | Good                    |
|                      |      |  |               | Salting (State if examined.)       | ditto | Standing and Running Rigging    | "                       |

## General Observations, Opinion as to Class, Recommendation, &amp;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 now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and ptn24, &amp;c."

This vessel is now in good and efficient condition and eligible in our opinion to remain as classed with fresh record of survey 5,29, and to have the notation S.S. Eff N° 1-29.

|   |    |    |   |                   |
|---|----|----|---|-------------------|
| Survey Fee (per Section 29)             | 17 | 10 | 0 | Fees applied for, |
| Special Examination Repair Fee (if any) | 10 | 10 | 0 | 4 June 1929       |
| Exam. of Rigging &c.                    | 8  | 8  | 0 | Received by me,   |
| Second Surveyor's Fee (if any)          |    |    |   | 21.6.1929         |

Committee's Minute

FRI. 14 JUN 1929

Character Assigned

100A1

S.S. No 1-29 Thine 5-29  
NOB 29 5 5-29E.B. Brimblecombe.  
Robt. Shearman

Surveyor to Lloyd's Register of Shipping.



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Foundation



"PENOLVER"

Damage (1). Port bridge space bunker cleaned, scaled & coated.  
No structural damage found.

Damage (2).

Port. Shell plate H10 doubled inside in way of slight fracture.

Stbd. " " E1 " outside " " " " " "

Steering chains nearly all renewed, 3 fairlead sheaves rebushed  
& the pins renewed, 2 roller guide pins renewed.

Damage (3).

Port. Shell plate B10 removed, faired & replaced ---- (1)

" " A2 faired in place ---- (1)

Stbd. " " B10 removed, faired & replaced ---- (1)

Damage (4).

Stbd. Shell plates E8, F9 removed, faired & replaced --- (2)

3 frames faired in place ---- (3)

S. 2nd No. 1. How done:-

essel placed in dry dock and the bottom & rudder cleaned,  
examined & coated. Holds, peaks, poop, bridge & forecastle  
spaces, coal bunkers and machinery spaces cleared. Ceiling  
n tank top and limbers lifted. Steel work generally examined,  
including plating in way of sidelights, and scaled and  
coated as necessary.

ll double bottom and peak tanks examined internally & tested.

Weather decks & casings, anchors & chain cables, chain locker,  
asts (no wedges) & rigging (Report attached), general equipment,  
atch covers & supports &c, ventilators & coamings, steering gear  
connections, windlass, hand pumps, watertight doors, and  
ir & sounding pipes examined. Doubling plates found under  
ll sounding pipes. Freeboard verified.

pairs (W. & T.)::-

Rudder lifted, 2 pintles and all bushes renewed.

Shell plate D1 port side renewed.

Holds. A number of tank side brkts part doubled in No. 1 & 2 holds.

Tunnel ventilator in after hold part renewed.

Ceiling & cargo battens part renewed throughout.

A large number of rust bound rivets in the fore & aft centre  
line bulkheads cut out and renewed.

Forecastle space. Chain pipe renewed each side, p & s.

Bridge space bunkers.

Port. One deck plate renewed. Two hatch coamings  
renewed, together with foundation angles on decks.

Stbd. One deck plate renewed. Two hatch coamings  
renewed, together with foundation angles on decks.

(Continued)

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W256-0050 (2/4)



"PENOLVER."Lower side bunkers.

- Port. 2 plates in W.T. bulkhead at fore end renewed  
 9 casing bulkhead plates renewed, & one doubling plate fitted.  
 3 " " stiffeners renewed.  
 1 bulkhead angle stay renewed, & 1 stay bracket renewed.
- Stbd. 7 casing bulkhead plates renewed.  
 1 " " stiffener renewed.  
 2 stay brackets renewed.

Boiler room.

- Port. Boaming plate of stokehold bulkhead renewed, together with foundation angle in way. Bottom plate of fore & aft bulkhead of donkey boiler recess cropped & part renewed.  
 3 tank top plates (including one middle line plate) under donkey boiler renewed. (The transverse bulkhead at the fore end of the donkey boiler recess was removed for access in renewing the donkey boiler & effecting the above repairs, & afterwards refitted).

Engine room.

- Centre line tank top plate under engines renewed (engines lifted).  
 One doubling plate fitted on tank top port side.  
 1/2 2 tanks (after end under donkey boiler).

- Port. 1 floor renewed  
 3 floors cropped & part renewed.  
 5 bracket floors against centre girder renewed.  
 9 double intercostals renewed.  
 Rev. frames on top of floors renewed as necessary.  
 Centre girder cropped & part renewed for 9 frame spaces.

- Stbd. 1 floor renewed.  
 3 floors cropped & part renewed.  
 4 bracket floors against centre girder renewed  
 1 " floor " margin renewed.  
 5 double intercostals renewed.

Rev. frames on top of floors renewed as necessary.

1/3 3 tank (under engines & No. 3 hold).

Centre girder doubled top half under engines for 13 frame spaces, & the top angles renewed.

- Port. W.T. floor at fore end renewed.  
 3 floors renewed.  
 9 floors cropped & part renewed, and the remaining portions of 5 of these floors part doubled at top.  
 Rev. frames at top of the above 12 floors renewed as neccy.  
 6 floors doubled at top in centre space.  
 28 intercostals renewed (12 of these, in 2nd intercostal from centre line, renewed in one length, the shell bar & tank top bar being also continuous in way).

(Continued)

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W256-0050 (3/4)



"PENOLVER."Nº 3 tank (continued).

Port. W.T. floor at after end doubled at top in 3 spaces, & 4 stiffeners fitted on this floor, one in each space.

Stbd. W.T. floor at fore end renewed.

5 floors renewed

7 floors cropped & part renewed

Rev. frames at top of the above 12 floors renewed as necessary.

10 floors part doubled at top.

28 intercostals renewed (12 of these, in 2nd intercostal from centre line, renewed in one length, the shell bar and tank top bar being also continuous in way).

Stiffeners fitted on 3 bracket floors next centre girder.

W.T. floor at after end doubled at top in all 4 spaces, & 4 stiffeners fitted on this floor, one in each space.

Nº 4 tank.

Port. 1 floor doubled at top in centre space.

Stiffeners fitted on 4 brkt floors next centre girder.

Stbd. " " " 5 " " " " "

Fore peak tank. A number of rust bound & defective rivets in floors &c cut out and renewed.

Weather decks. After bridge space bulkhead part renewed on port side & 2 stiffeners renewed.

4 bulwark stanchions removed, faired & replaced.

All freeing port doors in wells removed, & bars fitted across <sup>openings.</sup>

Chain locker. Top plate of centre division renewed. One collision bulkhead plate renewed in way of chain locker.

Rigging. 6 foremast shrouds & 6 mainmast shrouds renewed.

Hatch covers. 36 renewed & 16 part renewed.

Ventilators. A number of deck ventilators part renewed.

W.T. doors overhauled.

Wiring & sounding pipes part renewed throughout as necessary.

number of minor repairs effected.

effect the repairs now done in Nº 2 tank, shell plate B8 each side as removed for access. Shell plate B10 each side was removed for wiring in connection with the grounding damage repairs, and afforded a necessary access to Nº 3 tank.

E.R.B.

W256-0050 (4/4)