HESPERIA
See Arrattached

t. 8.

(Received at London Office MON. 2 MAY. 1921 No. 20131

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 30th April 1921 When handed in at Local Office 30th Apr. 1921. Port of

No. in Reg. Book. 79503 Survey held at Date, First Survey 22nd March Last Survey 29th April 1921 (No. of Visits 13.)

on the ~~Wood, Iron or~~ Steel S.S. "~~PATRIA~~" now renamed "~~HESPERUS~~" Master F. H. Peterson - 21

TONNAGE:— GROSS 3922 UNDER DK. 3630 NET 2406

Built at Flensburg. By whom Flensburger Schiffbau Ges. When 1919 (YEAR.) 6 (MONTH.)

Owners British & S. American Stm. Nav. Co. Ld. (R.P. Houston & Co. Mgrs) Port belonging to Liverpool.

Owners' Address (if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? Both Name of Dock Cat. Bailey's Dry Dk. Destined Voyage?

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

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. Port

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

CHARACTER. ✠ for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned with Extras.	Machinery and Boiler Surveys (including date of N.B., if any).
F.E attached		

(Periodical Surveys, when held, must be reported in detail and seriatim 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.

Society's Freeboard (if assigned) as painted on Ship and now verified ft. ins.

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?

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Part Survey (S.S. No. 3.) for Classification as per Section 48.

Vessel placed in Dry Dock: bottom examined, cleaned & recoated. Rudder lifted & examined. Cables ranged & cables & anchors examined. Markings compared with certificates. Holds & tween-decks, Fore-peak & aft-peak tank, bunkers, decks, deck-openings & erections, steam steering-engine, gear & connections, windlass, ventilators & coamings, hatchways hatches & supports, masts, spars & rigging, chain-locker & shell-plating in way of sidelights & ash-shoots, stokehold & tunnel W.T. doors, and Engine & boiler spaces now examined & all found in good & efficient condition.

Nos 1, 2, 5 & 6 double-bottom ballast tanks & after peak tank tested under pressure & found in good order. Air & sounding pipes to same examined. (No ceiling on tank-top).

Scantlings verified (see 1st Entry Report attached).

SUMMARY OF DAMAGE REPAIRS :—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :—
Renewed								
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Decks	Good
Caulking of Decks	"
Waterways	"
Coamings	"
Beams & Fastenings	"
Outside Plating	"
Caulking of ditto	"
Rivets	"
Breasthooks & Crutches	"
Transoms	✓
Frames	Good
Reverse Frames	"
Floors	✓
Keelsons	✓
Stringers	Good
Inner Bottom Plating	"
State if Tanks have been examined inside	F.E. only.
State if Tanks now tested	1, 2, 5, 6 & A.P.
Bulkheads	Good
Ceiling	at bilges only
Cement or Asphalt (State which.)	✓
Rudder	Good
Steering gear and its connections	"
Windlass	"
Have Pumps now been examined and found efficient?	No
Have Sluice Valves now been examined and found efficient?	✓
Have Watertight Doors now been examined and found efficient?	Yes
Dblng. Plates under Sounding Pipes	✓
Engine Room Skylights	Good
Coal Bunkers, Open'gs, Lids, &c.	"
Scuppers	"
Cargo Hatchways	"
Hatches	"
Planking of Wood Vessels	✓
Caulking ditto	✓
Treenails ditto	✓
Breasthooks & Stemson ditto	✓
Transoms, Pointers, & Crutches ditto	✓
Timbers of Frame at openings ditto	✓
Ditto ditto at other places ditto	✓
Stringers, Clamps & Shelfs ditto	✓
Salting ditto (State if examined.)	✓
Copper, or Y.M. of Wood Vessels (State if on Felt.)	✓
When put on, Month ✓ Year	✓
Boats	Good
Masts, Yards, &c.	"
Condition, how ascertained	exam. aloft
(State if wedges removed)	Now fitted
Sails	✓
Equipment letter	x
Anchors, No. of	3B. 1S. 1K.
Cables (State if now ranged)	Yes.
" length (on board)	273 size 2⅛
" Rule length	270 size 2⅛
Hawser & Warps	Good
Standing & Running Rigging	"

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 now classed in the Register Book *without fresh record of Survey*," "to remain as classed and to have record of survey, 1,15," or "to remain as classed and to have record of survey, 1,15, and the notations of *ss No.* 1–15 and ptND15, &c."

The vessel is in a good & efficient condition & it is recommended that she be classed 100A1 Shelter Dk with freeboard, with Notation of SS Npt No. 3, subject to completion as above.

Survey Fee (per Section 28) £ : :

Special Damage or Repair Fee (if any) (per Sec. 29) £ 60 : :

Travelling Expenses (if chargeable) £ : :

Second Surveyor's Fee (if any) £ : :

Fees applied for, per letter Cmpt 18/7

Received by me, 17. 9. 21

St. Boyden.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 10 FEB. 1922 FRI. 29 SEP. 1922 TUE. 24 APR. 1923

Character Assigned See minute on Lw 82426

In Certificate required? If so, to be sent to

If Stockless, state Mechanical Tests.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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The following repairs have now been effected:-

Steering-engine. Hunting-gear bracket repaired. Crank-shaft worm barrel-shaft worm-wheel renewed. Control-valve equilibrium valve skimmed up ground in. Windlass. Piston rings renewed. Eccentric-strap brass liners renewed. Hand-gear & clutch gear made workable.

Stbd. Anchor shank (fractured) now renewed, anchor retested.

The Special Survey will be completed in Liverpool.

To Complete Special Survey.

After peak tank & all double-bottom tanks to be examined internally. Fore peak tank & Nos 3 & 4 double-bottom tanks (under engines & boilers) to be tested under pressure. Hand-pumps to be examined. Bulb-angle coamings complete with covers, etc. to be fitted in Shelter Tweens to 4 escape-holes to reserve bunker at after end of No. 2 Hold, and to 3 hatchways in Shelter-tween-deck Bunkers.

120 fathoms of 4½" steel wire towline to be placed on board to complete equipment.

It is the wish of the Owners that this Survey should be counted as S.S. No. 3.

S.T.B.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 30 or 31. Cwts.	qrs.	lbs.	Description of Anchor. If Patent state name of Patentee.	Makers.	Where and when tested and Superintendent. If Stockless, state Mechanical Tests.
	1st Bower ...																
	2nd "																
	3rd "																
	Collective Weight.																
	Stream																
	Kedge.....																

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Table 30 or 31. Cwts. qrs. lbs.	Length and size per Table 30 or 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	When and where tested and Superintendent.
Iron Stream Chain or Steel Wire....											

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