Rpt. 8. (Received at London Office 2 MAR 1942) No. 100,207.

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 24th Feb. 1942 When handed in at Local Office 25th Feb. 1942 Port of

No. in Reg. Book. 24884 Survey held at South Shields. Date, First Survey 11th Feb. Last Survey 13th Feb. 1942 (No. of Visits 2. (Tailshaft " 1)

Vessel. on the ~~Wood, Iron or~~ Steel "HARPAGON."

TONNAGE — GROSS 5719 UNDER DK. 5026 NET 3378

Built at Govan Glasgow. By whom Fairfields Ld. When Year 1935 Month 6

Owners National S.S. Co. Ld. Owners' Address (if not already recorded in Appendix to Register Book).

Managers J. & C. Harrison Ld. Port belonging to London

Built Surveyed Afloat or in Dry Dock? Drydock Name of Dock Middle D. & E. Co. Ld. Destined Voyage

Well D B or D B a feet; u E & B feet; f feet

Total capacity tons. FPT tons; APT tons; MT feet tons.

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. 110,216 Port Lon.

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

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.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100A1 with freeboard 11.41.	✠ LMC 9.39.
	BS 8.41.
	CL 10.38.
SS NPT. No 1 - 39.	
Fitted for oil fuel 6.35	
FP above 150° F.	

Tonnage Opening Closed. Society's Freeboard (if assigned) as painted on Ship and now verified ft. (W.E.) ins.

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

not required.

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR DOCKING FOR GROUNDING. (See London Rpt. - Feb. 1942)

Vessel stated to have grounded with the tides on the 3rd 4th + 5th Feb. 1942, whilst discharging alongside wharf in the River Thames.

How done. Vessel placed in drydock, bottom + rudder cleaned examined + recoated. Signs of contact were observed, but no damage to the shell plating due to the above grounding was found.

The following repairs + renewals to mooring ropes + wires are stated by the owners Supt. to have been carried out.

Manilla Ropes renewed - 1 @ 10" 3 @ 7" (all 90 fathoms.)

" " spliced - 2 @ 7".

Wire ropes renewed - 2 @ 3" 1 @ 2½". (all 90 fms.) 1 @ 3" wire rope spliced. P.T.O.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed								See report for repairs + renewals to mooring ropes + wires.
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Masts	parts examd. good	Bulkheads	parts examd. good
Planking of Decks	do.	Ceiling	do efficient.
Deckings	do.	Cement or Asphalt	✓
Decks & Fastenings	do.	Rudder	good
Side Plating	efficient	Steering gear and its connections	do.
" in way of sidelights	✓	Windlass	do.
Masts	parts examd. effct.	Have pumps been examined and found efficient?	✓
Transverse Frames	✓	Have Sluice Valves been examined and found efficient?	✓
Longitudinals	✓	Have Watertight Doors been examined and found efficient?	yes.
Reverses	✓	Have Ventilators and their Coamings been examined and found efficient?	yes.
	✓	Air and Sounding Pipes	✓
Beams	✓	Doubling Plates under Sounding Pipes	✓
Pillars	✓		
Inner Bottom Plating	✓		
Have the Tanks been examined internally?	no.		
Have the Tanks been tested?	no.		

Engine Room Skylights	parts examd. good	Copper, or Y.M. (State if on Felt.)	/
Coal Bunkers, Openings, Covers, &c.	do.	When fitted, Month / Year	
Oil Bunkers	✓	Boats	good
Scuppers	✓	Masts, Yards, &c.	do
Cargo Hatchways	parts examd. good	Condition, how ascertained (State if wedges removed)	from dk. (2no)
Hatches	do. do.	Equipment letter	b + 2 1/16
Planking	/	Anchors, No. of	30. 13.
Caulking		Cables (State if now ranged)	no.
Treenails		" length (on board)	✓ mean diamr. ✓
Breasthooks & Stemson		" Rule length	✓ size ✓
Transoms, Pointers & Crutches		Chain Locker	✓
Timbers of Frame at openings		Hawsers & Warps	good
" " at other places		Standing and Running Rigging	do.
Stringers, Clamps & Shelves		Sails	✓
Salting (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 docking date 2.42, subject to indented plate No 3 in 4th strake below shelter sheer (P.S.A.) being dealt with at owners convenience, permanent repairs at 1st conn. opp. (collision) to plating etc. (P.S.) in way of No 1 + 4 holds + to indented tunnel plating etc. Indented No 7 plate from aft 1st + 2nd strakes below shelter sheer (P.S.) being dealt with at owners convenience.

(Great damage to ceiling, cargo battens + lower deck hatches to be dealt with at this opportunity).

G. Campbell.
Surveyor to Lloyd's Register of Shipping.

Survey Fee (per Section 29) £ : :
Estimated fee £2-2-0.
Total Damage or Repair Fee (if any) (per Sec. 29) £ :
Travelling Expenses (if chargeable) £ :
LICENCE CASE
Special Surveyor's Fee (if any) £

Fees applied for, 19
Received by me, 19

Committee's Minute FRI. 27 MAR 1942

Character Assigned 100A1 Subject With freeboard Fitted for oil fuel

Is Certificate required? If so, to be sent to

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W43-0114

"HARPAGON."

No repairs have been carried out at this time to the ceiling, cargo battens, + lower deck hatches stated damaged by grabs.
The owners Supt. stated that these would be placed in order at a foreign port at first opportunity.

Wear + Tear Repairs.
About 22 keel rivets forward elec. welded + keel seams caulked where necessary.
About 24 odd shell rivets in side shell elec. welded.
" 35 rivets renewed in P.S. bilge keels.
1 Rudder pintle hardened up.
A few minor repairs effected.
The weather decks, casings, hatchways, ventilators, steering gear, windlass, mast rigging, general equipment, Engine Room, tunnel + recesses, + No.s 4 + 5 Holds examined generally.
Per special Reason List - No repairs effected at this time to indented plate No. 3 in 4th (not 3rd) strake below shelter sheet (P.S.A.); Plating etc. (collision) (P.S.) in way of No.s 1. + 4. Holds; Indented tunnel plating etc: Indented No. 7 plate from aft in the 1st + 2nd strakes below shelter sheet (P.S.). These items now examined, + found to remain efficient.
The worked rivets in No.s 1. + 2. Keel plates now dealt with as reported above.
It is submitted this record be now deleted from the S.R. List.
also the record "dry docking"

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 Rule. 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 Rule. Cwts. qrs. lbs.	Length and size per Rule. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	When and where tested and Superintendent.
Iron Stream Chain or Steel Wire....											

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

s.s. "Harpagon". Engrs. Report.

Docking.

Vessel placed in drydock, propeller and outside fastenings examined and found efficient. Wear Down, 3/16 ths.

E. Wilson.

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