

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 18th April 1899 Port of WEST HARTLEPOOL
 No. in Reg. Book 462. on the Wood, Iron or Steel S.S. "Yopage".
 Survey held at W. Hartlepool Date, First Survey 14th Feb. Last Survey 1st April 1899
 (No. of Visits 22) Master P. Allan

TONNAGE: Built at Newcastle By whom C. S. Swan & Co When 1878. 12
 GROSS 1902 Owners Christie & Co. Port belonging to London
 UNDER DK. 175.8
 NET 12.11 Owners' Address

Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock Middleton Dock Destined Voyage Cardiff
 WB=CellDBorDBa feet; uE&B feet; J feet; }
 tal 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 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. 17951 Port Off
 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. 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 replacement of Anchors, Chains, or Hawsers is reported, the particulars of weight or size and test of the articles should be clearly stated, and also the weight or size, &c., required by the Rules, together with the vessel's Equipment letter, if any. State also the dates and initials of any letters respecting this case. 3.8.16/3/99

CHARACTER, Date of last Survey and of Periodical Surveys.	Assessed and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
100A1 10.98.		L.M.C. 5.96
P.S. Sub No 3-788		+ N.B. 8.92
P.S. Off. No 2-97		N.B. 10.90

REPAIRS, OR EXAMINATION AS PER RULE, FOR Condition. also Alterations.

Bottom examined; found in good condition; cleaned and recoated.
 The deep ballast tank in main hold has been extended from a length of 30 ft to a length of 50 feet, the bulkhead originally forming fore end, now forming a divisional bulkhead in the extended tank.
 A deep tank 40 feet in length has also been fitted in after hold.
 These deep tanks are for the purpose of carrying.

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	Stringers	Engine Room Skylights	Boats
Decks good	good	good	good
Stowage of Decks	State if Tanks now tested. Deep tanks only tested	Coal Bunkers, Open'gs, Lids, &c.	Masts, Yards, &c.
Waterways	Bulkheads	Scuppers	Condition, how ascertained from dk
Moamings	Ceiling good	Cargo Hatchways	(State if wedges removed no)
Beams & Fastenings	Cement or Asphalt good in U.S. (State which)	Hatches	Sails not seen
Outside Plating	Rudder good	Planking of Wood Vessels	Equipment letter S.
Stowage of ditto	Windlass	Treenails ditto	Anchors, No. of 3P-1P-1K
Rivets	Have Pumps now been examined and found efficient? Yes to deep tanks.	Breasthooks & Stemson ditto	Cables (State if now ranged) no
Breasthooks & Crutches not seen	Have Sluice Valves now been examined and found efficient?	Transoms, Pointers, & Crutches ditto	" length (on board) size
Transoms	Have Watertight Doors now been examined and found efficient? no.	Timbers of Frame at openings ditto	" Rule length (per Table 22) size
Frames good	Dblng. Plates under Sounding Pipes	Ditto ditto at other places ditto	Hawsers & Warps good
Reverse Frames		Stringers, Clamps & Shells ditto	Standing & Running Rigging
Floors good way U.S.		Salting (State if examined.) ditto	
Keelsons		Copper, or Y.M. (State if on felt.) ditto	
		When put on, Month Year	

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, 1,98," or "to remain as classed and to have record of survey, 1,98, and the notations of ss No. 1-98 and ptND98, &c."

This vessel is now in good and efficient condition, and eligible in my opinion to remain as classed, with fresh record of Survey 4.99.

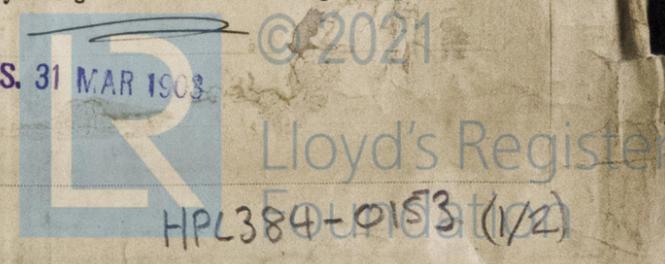
Office Fee (if chargeable) per Scale II, Sec. 27	Fees applied for,
Survey Fee (per Section 25)	18
Special Damage or Repair Fee (if any) (per Sec. 25.)	Received by me,
Travelling Expenses (if chargeable)	18
Second Surveyor's Fee (if any)	

CR Burrey
 Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute
 Character assigned

TUES. 11 APR 1899

TUES. 31 MAR 1903



100A1
 Note W.B.

Is Certificate required? If so to be sent to

MON 10 APL 1899

Port of

WEST HARTLEPOOL.

Continuation of Report No. 10830 dated

1st April 1899 on the

S.S. "Yopange."

carrying molasses in bulk.

The plating of lower deck, forming tank tops, in way of these tanks, has been renewed; together with the plating of tunnel sides, & sides and top of tunnel recess fore end of tunnel; all of $7/16$ " iron.

Bulkheads stiffened; tunnel extra stiffened; and ship's sides extra strengthened, by fitting web frames in each deep tank; as shown on approved plan attached hereto.

The tanks inside, also tank tops, have been coated with Furness Witby & Co's Patent Bitumastic Cement, to protect the surfaces of the iron-work from the molasses.

Special pumping arrangements fitted in these tanks, one six inch suction, each side of middle line in each tank, for pumping the molasses; and the hand pumps in after hold removed to aft side of bulkhead of after tank. These pumps tried & found satisfactory.

The deep tanks have been tested under water pressure on completion, and found satisfactory.

Portable ceiling is fitted in these tanks, in
For record in the Register Book, the following alteration should be made. (if it be proposed to enter the water capacity of these tanks), viz
In lieu of M.T. 30'- 307 tons; now to be
M.T. 50'- 900 tons; A.T. 40'- 536 tons.

C. R. Burney.