

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 8/5/99 When handed in at Local Office 8/5/99 Port of Londonderry
No. in Survey held at London Date, First Survey 25 Apr Last Survey 6-5-1899
Reg. Book 133 on the Wood, Iron or Steel SS Harlington (No. of Visits) Master Howard 95 25
YEAR. MONTH.

TONNAGE:— Built at Swansea By whom S. Austin & Co When 1895-5
GROSS 1032 Owners Refineries & Chemical S.S. Co Port belonging to Londonderry
UNDER DECK 753 Owners' Address
NET 1627 (if not already recorded in the Appendix to Register Book.)

Surveyed Afloat or in Dry Dock Afloat Name of Dock Royal Albert Dock Destination Voyage Zyne
WB=CellDBorDBa feet, uE&B feet, J feet, } Particulars of Classification (which must be inserted
total capacity tons. RPT tons; APT tons; MT feet tons.) precisely as in Register Book & Supplements.)

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. 60571 Port Lou +100A1. Duc 5/95
CHARACTER. + for Special Survey. Date of last Survey and of Periodical Surveys. 8/97 12/98 Machinery and Boiler Surveys (including date of N.B., if any).

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Condition of Tanks & Hull

This steamer was seen by afloat in the Royal Albert Dock. The masts spars, rigging were examined aloft. The holds cleared & examined & all the ceiling & tank tops removed & tanks & holds tested to the light water line. The fore and after peaks examined & tanks tested & all above crown. The various compartments of the CD Bottom cleared & examined inside & treated with cement wash. The tank tops & holds were painted ceiling & read & the doubling renewed. Continued

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	E. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed								
Removed and Faird or Repaired								
Faird or Repaired in place								
PRESENT CONDITION OF THE	Stringers	Inner Bottom Plating	State if Tanks now tested	Bulkheads	Ceiling	Cement of Hatch	Rudder	Windlass
Decks	Good	Good	yes	Good	Good	Good	Good	Good
Caulking of Decks	Good	Good	Good	Good	Good	Good	Good	Good
Waterways	Good	Good	Good	Good	Good	Good	Good	Good
Coamings	Good	Good	Good	Good	Good	Good	Good	Good
Beams & Fastenings	Good	Good	Good	Good	Good	Good	Good	Good
Outside Plating	Good	Good	Good	Good	Good	Good	Good	Good
Caulking of ditto	Good	Good	Good	Good	Good	Good	Good	Good
Rivets	Good	Good	Good	Good	Good	Good	Good	Good
Breasthooks & Crutches	Good	Good	Good	Good	Good	Good	Good	Good
Transoms	Good	Good	Good	Good	Good	Good	Good	Good
Frames	Good	Good	Good	Good	Good	Good	Good	Good
Reverse Frames	Good	Good	Good	Good	Good	Good	Good	Good
Floors	Good	Good	Good	Good	Good	Good	Good	Good
Keelsons	Good	Good	Good	Good	Good	Good	Good	Good
Engine Room Skylights	Good	Good	Good	Good	Good	Good	Good	Good
Coal Bunkers, Open'gs, Lids, &c.	Good	Good	Good	Good	Good	Good	Good	Good
Scuppers	Good	Good	Good	Good	Good	Good	Good	Good
Cargo Hatchways	Good	Good	Good	Good	Good	Good	Good	Good
Hatches	Good	Good	Good	Good	Good	Good	Good	Good
Planking of Wood Vessels	Good	Good	Good	Good	Good	Good	Good	Good
Treenails	Good	Good	Good	Good	Good	Good	Good	Good
Breasthooks & Stemson	Good	Good	Good	Good	Good	Good	Good	Good
Transoms, Pointers, & Crutches	Good	Good	Good	Good	Good	Good	Good	Good
Timbers of Frame at openings	Good	Good	Good	Good	Good	Good	Good	Good
Ditto ditto at other places	Good	Good	Good	Good	Good	Good	Good	Good
Stringers, Clamps & Shells	Good	Good	Good	Good	Good	Good	Good	Good
Salting (State if examined.)	Good	Good	Good	Good	Good	Good	Good	Good
Copper, or Y.M. (State if on felt.)	Good	Good	Good	Good	Good	Good	Good	Good
When put on, Month	Good	Good	Good	Good	Good	Good	Good	Good
Boats	Good	Good	Good	Good	Good	Good	Good	Good
Masts, Yards, &c.	Good	Good	Good	Good	Good	Good	Good	Good
Condition, how ascertained	Good	Good	Good	Good	Good	Good	Good	Good
(State if wedges removed)	Good	Good	Good	Good	Good	Good	Good	Good
Sails	Good	Good	Good	Good	Good	Good	Good	Good
Equipment letter	Good	Good	Good	Good	Good	Good	Good	Good
Anchors, No. of	Good	Good	Good	Good	Good	Good	Good	Good
Cables (State if now ranged)	Good	Good	Good	Good	Good	Good	Good	Good
" length	Good	Good	Good	Good	Good	Good	Good	Good
" Rule length (per Table 22)	Good	Good	Good	Good	Good	Good	Good	Good
Hawsers & Warps	Good	Good	Good	Good	Good	Good	Good	Good
Standing & Running Rigging	Good	Good	Good	Good	Good	Good	Good	Good

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."

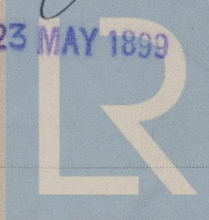
This steamer now appears to be in good condition, eligible in my opinion to remain as classed with a good record of survey Lou 5/99

Office Fee (if chargeable) per Scale II., Sec. 27 £ : : Fees applied for,
Survey Fee (per Section 28) £ : :
Special Damage or Repair Fee (if any) (per Sec. 29.) £ : : Received by me,
Travelling Expenses (if chargeable) £ : :
Second Surveyor's Fee (if any) £ : :
Committee's Minute
Character assigned

TUES. 9 MAY 1899

TUES. 23 MAY 1899

TUES. 13 JUN 1899



Lloyd's Register Foundation

Port of

London

Continuation of Report No. 60985

dated

May 1899

the

H. H. Harlington

The decks cleared & examined also
the deck belf pumps sounding pipes
Shut valves & tunnel door.

The upper Bunkers cleared & examined
to complete the survey the following
requires to be done viz:—

- ① The lower or sea bunkers to be
cleared, ceiling lifted as per Rules
- ② The Engine & Boiler Room Ballast
tank to be tested with water
to tight line & the tank top & bilges
examined.

Charles J. Turner