

# REPORT of SURVEY for REPAIRS, &c.

Date of writing Report *9th Oct 97* When handed in at Local Office *18* Port of *London*  
 No. in Reg. Book *143* Survey held at *London* Date, First Survey *1st Oct* Last Survey *10* 18*97*  
 on the *Wood, Iron or Steel* *S.S. Zurich* Master *Turnbull & Son*

TONNAGE:— Built at *Whitby* By whom *Turnbull & Son* When *1883* MONTH *12*  
 GROSS *1324* Owners *Turner Brightman & Co.* Port belonging to *Lon.*  
 UNDER DK. *1054* Owners' Address  
 NET *824* (if not already recorded in Appendix to Register Book.)  
 Surveyed Afloat or in Dry Dock? Name of Dock *Surrey Com<sup>el</sup>* Destined Voyage *Sunderland*

WB=CellDBorDBa feet; uE&B feet; f feet; } Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 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.

CHARACTER.	Years Assigned or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* for Special Survey. Date of last Survey and of Periodical Surveys.		
<i>+ 100 A.I.</i>		<i>+ L.M.C. 4,96</i>
<i>S.S. Ply No 3-4,96</i>		<i>R506,97</i>

Last Report, No. *59005* Port *Lon*  
 (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, 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.)

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Damage by grounding.*

*This vessel had grounded in the White Sea, damaging the shell plating before the collision bulkhead and at the after end of the fore hold, Temporary repairs had been effected at Archangel to enable the vessel to return to the U.K. and the Owners now wish to take the vessel to Sunderland for permanent repairs.*

*On examination I found that the damage in the fore peak had been cemented over and shored down and the damage at the after end of fore hold, had been shored down, the tank top at this part being perfectly tight, and I consider her fit to proceed to Sunderland as proposed by the Owners.*

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed ...								
Faired or Repaired ...								
PRESENT CONDITION OF THE	Timbers of Frame at the openings <i>Good</i>	Rudder <i>Good</i>	Hatches <i>Good</i>	Decks <i>Good</i>	Ditto ditto at other places <i>where seen</i>	Windlass & Capstan <i>50</i>	Boats <i>50</i>	Masts, Yards, &c. <i>50</i>
Waterways <i>50</i>	Keelsons <i>above tank top</i>	Have Pumps now been examined and found efficient? <i>50</i>	Condition, how ascertained <i>From deck</i>	Coamings <i>50</i>	Stringers, Clamps & Shells <i>Good</i>	Have Sluice Valves now been examined and found efficient? <i>Fore hold Yes</i>	Sails <i>50</i>	Equipment letter <i>0</i>
Up'r Dk. Beams & Fastenings <i>50</i>	Siding (State if examined.) <i>Good</i>	Have Watertight Doors now been examined and found efficient? <i>50</i>	Anchors, No. of <i>3 B 1 S 1 K</i>	Low'r Dk. Beams & Fastenings <i>50</i>	Ceiling <i>Good</i>	Dblng. Plates under Sounding Pipes <i>50</i>	Cables (State if now ranged) <i>50</i>	" length (on board) size
Plating <i>As seen afloat Good</i>	Cement or Asphalt (State which.) <i>50</i>	Engine Room Skylights <i>Good</i>	" Rule length (per Table 22) size	Planking <i>50</i>	Tanks (State if now tested.) <i>50</i>	Coal Bunker, Open'gs, Lids, &c. <i>50</i>	Hawsers & Warps <i>Good</i>	Standing & Running Rigging <i>50</i>
Rivets or Treenails <i>50</i>	Caulking of Bot'm, D'k, & Wat'rw'ys <i>50</i>	Coal Bunker, Open'gs, Lids, &c. <i>50</i>		Breasthooks & Stemson <i>50</i>	Copper, or Y.M. (State if on Felt.) <i>50</i>	Suppers <i>50</i>		
Transoms, Pointers, & Crutches	When put on, Month Year	Cargo & Main H'tchw'ys <i>50</i>						

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, 1,97," or "to remain as classed and to have record of survey, 1,97, and the notations of ss No. 1-97 and ptND97, &c."

*This steamer is now in my opinion fit to proceed to Sunderland and worthy the favourable consideration of the Committee to remain ad classed subject to permanent repairs being effected as proposed.*

Office Fee (if chargeable) per Scale II, Sec. 27	£	Fees applied for,
Survey Fee (per Section 28)	£	18
Special Damages or Repair Fee (if any) (per Sec. 28.)	£	Received by me,
Travelling Expenses (if chargeable)	£	18
Second Surveyor's Fee (if any)	£	

*E. J. Milton*  
 Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute  
 Character assigned *Deferred for White Sea permanent*  
*Ref. to L.O. 12/10/97*

Has a Survey also been held on the Machinery of the Ship? If so, is the Report sent near, or when will it be sent?

Is Certificate required? If so to be sent to