

## REPORT of SURVEY for REPAIRS, &amp;c.

Date of writing Report 18 When handed in at Local Office 18 Port of *London*  
 No. in Reg. Book. *385* Survey held at *London* Date, First Survey *Dec 31/96* Last Survey *8 Feb 1897*  
 on the *Wood, Iron or Steel* *S.S. "Science"* Master *Stoken*

TONNAGE:— Built at *Sunderland* By whom *R. Pile H.* When *1868* MONTH *3*  
 GROSS *1299* Owners *Prescott & Laurance* Port belonging to *London*  
 UNDER DEK. *865* Owners' Address  
 NET *810* (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? *On Dry Dock* Name of Dock *R. P. Dry Dock* Destined Voyage  
 WB=CellDBorDBa feet; uE&B feet; f feet; f  
 total capacity tons. *APT* 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 Survey, No. *3329* Port *Ant*  
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. *90 A1*  
 Date of last Survey and of Periodical Surveys. *Span deck*  
 Years Assigned now expired. *4.96*  
 Machinery and Boiler Surveys (including date of N.B., if any). *1.87*  
*13.5 7.96*  
*2m.c 2.94*

Society's Freeboard (if assigned) as painted on Ship and now verified } *6* ft. *0* ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Damage repair (See Antwerp report No 3329 dated Dec 1896)*

This vessel was surveyed at Antwerp, and considerable damage found to deck, cabin, deck houses, rails &c. Temporary repairs were done at Antwerp, & permanent repairs have now been done here as follows:—

A complete new deck house amidships, with wing houses & bridge, also wheel & Charthouse on this deck house, have now been built, & all the fittings & arrangements for officer rooms &c. therein renewed. Steam steering gear overhauled, & steering wheels renewed. Iron guard rails & stanchions all round the vessel repaired where possible, & the rest renewed. The after cabin completely gutted, & all the framing, panelling, berths & staterooms therein, & the upholstery & fittings, renewed.

The spar deck, which was depressed at the after end & on the starboard side about after hatchway, has been made fair, & the beams supported by extra iron pillars. One length of waterway on starboard side aft has been renewed—about 60 ft.—A considerable portion of the deck aft & in the midship deck house has

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed ...								
Faired or Repaired ...								
PRESENT CONDITION OF THE	Thickness of Frame at the openings	Rudder	Hatches	Decks	Ditto ditto at other places	Windlass & Capstan	Boats	Masts, Yards, &c.
Waterways	Keelsons	Have Pumps now been examined and found efficient?	Condition, how ascertained	Coamings	Stringers, Clamps & Shelves	Have Sluice Valves now been examined and found efficient?	Sails	Equipment letter
Up'r Dk. Beams & Fastenings	Salting (State if examined.)	Have Watertight Doors now been examined and found efficient?	Anchor, No. of	Low'r Dk. Beams & Fastenings	Ceiling	Dblg. Plates under Sounding Pipes	Cables (State if now ranged)	Standing & Running Rigging
Plating	Cement on Asphalt (State which.)	Engine Room Skylights	" length (on board)	Planking	Tanks (State if now tested.)	Coal Bunker, Open'gs, Lids, &c.	" Rule length (per Table 22)	
Rivets or Bolts	Caulking of Bot'm, D'k, & Wat'rwys	Scuppers	Hawsers & Warps	Breasthooks & Stenson	Copper, or Y.M. (State if on felt.)	Cargo & Main H'tch'wys		
Transoms, Pointers, & Crutches	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, 9,91," or "to remain as classed and to have record of survey, 9,91, and the notations of ss No. 1-91 and ptnd91, &c."

This vessel appears to be in good condition & is eligible in our opinion to remain as classed with record of fresh survey 2.97

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

FRI 19 FEB 1897  
 90A1  
 Span deck  
 LON711-0420-2

Is a Report also sent now on the Machinery of the Ship? If not, state whether, and when, one will be sent?

Rpt. 8.—205—5000—28000—Transfer Int. (The Surveyors are requested not to write on or below the space for Committee's Minute.)

Is Certificate required? If so to be sent to

S.S. "Science"

Port of

London

Continuation of Report No. 58518 dated

on the

been renewed, and the deck recaulked all fore & aft.

One life boat has been renewed, and two others repaired; & the boat stanchions and clanchions renewed. After steering gear renewed.

Small repairs have been done to engine room skylight, ventilators, side scuttles, steam winches, watch pipes & covers; after skylight and compasses have been renewed, & sundry deck damages made good.

The vessel has been placed in dry dock, the rudder, which was badly twisted, has been renewed, & the pinna & braces made good. The bottom has been examined, cleaned & scraped, in other parts where required.

W. J. Cooper