

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

Date of writing Report 18. When handed in at Local Office 18. Port of *London*  
 No. in Survey held at *London* Date, First Survey *7th Jan 99* Last Survey *31 Jan 18 99*  
 Reg. Book. *921* on the *Wood, Iron or Steel* *S.S. "Southern Cross."* (No. of Visits) *10* Master *✓*

TONNAGE:— Built at *Belfast* By whom *Norham Clark & Co.* When *1892. 9.*  
 GROSS *5050* Owners *Southern Cross S. S. Co. Ltd.* Port belonging to *London*  
 UNDER DE. *4732* Owners Address  
 NET *3311* (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? *Dry Dock* Name of Dock *Millwall D. D.* Destined Voyage

WB=Cell DBor DBa feet; uE&B feet; J feet; I feet; }  
 total capacity tons. FPT tons; APT tons; MT feet tons. }

Particulars of Classification (which must be inserted 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. *59645* Port *Lon*

(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.)

CHARACTER.  
 \* for Special Survey.  
 Date of last Survey and of Periodical Surveys.  
 Years Assigned expired.  
 Machinery and Boiler Surveys (including date of N.B., if any).  
*100 A1*  
*2.98.*  
*In red*  
*BS 2.98*  
*1.98*  
*S.S. Don No 1.98*  
 Society's Freeboard (if assigned) as painted on Ship and now verified

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Damage repair, stated to have been caused by grounding, fire, stress of weather and collision.*

Vessel placed in dry dock, bottom examined cleaned and coated with paint, all started rivets in stern frame renewed, rudder lifted and repaired, hangings overhauled and made efficient. Damaged gunwale angle iron aft and stern bracket renewed, steering gear overhauled and made efficient. Broken cement in gutter waterway made good. Smashed fore castle skylights repaired and damaged rails and stanchions with other deck damage made good. The started rivets in the after tank renewed and caulking in way of same overhauled. The steam pipe casing where gone and started now renewed and resecured as required.

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	—	—	—	—	—	—	—	As noted above.
Removed and Faird or Repaired	—	—	—	—	—	—	—	
Faird or Repaired in place	—	—	—	—	—	—	—	
PRESENT CONDITION OF THE	Good	Good	Good	Good	Good	Good	Good	Good
Decks	Good	Good	Good	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
Stringers	Good	Good	Good	Good	Good	Good	Good	Good
Inner Bottom Plating	Good	Good	Good	Good	Good	Good	Good	Good
State if Tanks now tested	Good	Good	Good	Good	Good	Good	Good	Good
Bulkheads	Good	Good	Good	Good	Good	Good	Good	Good
Ceiling	Good	Good	Good	Good	Good	Good	Good	Good
Cement or Asphalt (State which.)	Good	Good	Good	Good	Good	Good	Good	Good
Rudder	Good	Good	Good	Good	Good	Good	Good	Good
Windlass	Good	Good	Good	Good	Good	Good	Good	Good
Have Pumps now been examined and found efficient?	Good	Good	Good	Good	Good	Good	Good	Good
Have Sluice Valves now been examined and found efficient?	Good	Good	Good	Good	Good	Good	Good	Good
Have Watertight Doors now been examined and found efficient?	Good	Good	Good	Good	Good	Good	Good	Good
Dblng. Plates under Sounding Pipes	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 ditto	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 ditto	Good	Good	Good	Good	Good	Good	Good	Good
Stringers, Clamps & Shelves	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
Year	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 (on board)	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, &amp;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 being now in a good and efficient condition is eligible in my opinion to remain as classed and to have record of survey 1. 99.*

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)

Fees applied for,

Received by me,

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

Committee's Minute

Character assigned

FRI 10 FEB 1899

TUES. 4 JUL 1899

FRI 18 MAY 1900

FRI 13 OCT 1899

FRI 23 FEB 1900

LON 717-0366

Lloyd's Register Foundation