

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

Date of writing Report 5<sup>th</sup> May 1896 When handed in at Local Office 18 Port of London  
No. in Reg. Book 420 Survey held at London Date, First Survey 10<sup>th</sup> April Last Survey 1<sup>st</sup> May 1896  
(No. of Visits) 7 Master Mayors  
on the Wood, Iron or Steel S.S. "Tongariro" YEAR. MONTH.  
TONNAGE:— Built at Glasgow By whom J. Elder & Co When 1883 8  
GROSS 4163 Owners New Zealand Shipping Co Port belonging to London  
UNDER DK. 3854 Owners' Address   
NET 2657 (if not already recorded in Appendix to Register Book.)  
Surveyed Afloat or in Dry Dock? ✓ Name of Dock R. Albert St. Dock Destined Voyage New Zealand

W.B.=Cell D Bor DBa tons; uE&B tons; f tons; } Particulars of Classification (which must be inserted  
FPT tons; APT tons; MT 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 Survey, No. 57204 Port Low

(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.)

REPAIRS, OR EXAMINATION AS PER RULE, FOR Part Special Survey 4<sup>th</sup> 3.

Vessel placed in dry dock bottom examined cleaned and painted.  
Chain cables rapped.

The lower part of bulkhead at fore end of boiler room found wasted through and has now been renewed.

Forward Cross Bunker:— The steel work scaled examined and painted.

The reverse frames, lower deck stringer and top flange of lower deck beams in this bunker found somewhat wasted. The owners propose to deal with this on the vessels return from her present voyage.

after Cross Bunker. all close ceiling removed, the steelwork in way of same scaled examined and recoated, cement examined and renewed where necessary, & ceiling relaid.

The W.T. bulkhead at after end of boiler room found wasted through at the lower part and temporarily repaired with doubling plates bolted on same.

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	Good	Rudder	Good	Hatches	Good		
Decks	Bitto ditto at other places	"	Windlass & Capstan	"	Boats	"		
Waterways	Keelsons	Part seen	Pumps	"	Masts, Yards, &c.	"		
Coamings	Stringers, Clamps & Shells	As above	Sluice Valves	"	Condition, how ascertained	From dk		
Up'r Dk. Beams & Fastenings	Salting	(State if examined.)	Watertight Doors	"	(State if wedges removed)	✓		
Low'r Dk. Beams & Fastenings	Ceiling	Part seen	Dblg. Plates under Sounding Pipes	"	Sails			
Plating	Cement or Asphalt	"	Engine Room Skylights	"	Equipment letter	X		
Planking	Tanks	(State which.)	Coal Bunker, Open'gs, Lids, &c.	"	Anchors, No. of	4 B: 15: 2 K:		
Rivets or Treonails	Caulking of Bot'm, D'k, & Wat'rwys.	"	Scuppers	"	Cables (State if now ranged)	Yes		
Breasthooks & Stemson	Copper, or Y.M.	(State if on Fett.)	Cargo & Main H'tch'wys.	"	" length	270 fms size 2 3/8		
Transoms, Pointers, & Crutches	When put on, Month	Year			" Rule length	270 size "		
					Hawsers & Warps	Good		
					Standing & Running Rigging	"		

## 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, 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, so far as seen, is eligible in my opinion to remain as classed without record of survey.

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

Committee's Minute FRI. MAY 8 1896

Character assigned Deferred for completion of R.3

E. B. Chambers TUES. 9 AUG 1898  
Surveyor to Lloyd's Register of British & Foreign Shipping.

FRI. 18 SEP 1896  
TUES. 9 FEB 1897  
FRI. 29 JAN 1897  
FRI. 29 OCT 1897  
TUES. 14 DEC 1897  
LONDON - 0006 1/2



## The Steel S. S. "Tongariro"

The reversed frames lower deck stringer and top flange of lower deck beams in this bunker found somewhat wasted. additional reversed frames <sup>now</sup> fitted to alternate frames between middle and lower decks.

The owners propose to complete these repairs on the vessel's return from her present voyage.

To complete the S. S. h<sup>o</sup> 3:-

with the exception of the examination of the forward and after cross bunkers below close ceiling, of h<sup>o</sup> 5 lower hold, of the mast's spars and rigging, and of the vessel in dry dock, the whole of the survey remains to be carried out.

E. B. Chambers