

No. 12519

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report Oct 18th 1893 When handed in at Local Office 1893 Port of Glasgow MON. 23 OCT 1893

No. in Reg. Book 320 Survey held at Glasgow Date, First Survey 20th Sept 93 Last Survey 14th Oct 1893

on the Iron Twin S.S. "River Indus" Master Scott Built at Belfast By whom Workman Clark & Co When 1884 - 10

Owners S.S. River Indus (Lim) (J Little & Co) Port belonging to Glasgow Owners' Address Govan Destined Voyage Cape, S Africa.

Surveyed Afloat or in Dry Dock? Both Name of Dock Govan Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

WB=Db 94 tons; f 612 tons; uE&B 612 tons; CeLDB tons; FPT tons; APT tons; MT tons. CHARACTER. for Special Survey. Date of last Survey and of Periodical Surveys. 100 A.I. 5.92 Machinery and Boiler Surveys (including date of N.B., if any). BS. 4.92 LMC. 10.89

Last Survey, No. 720 Port Glasgow Society's Freeboard (if assigned) as painted on Ship and now verified

REPAIRS, OR EXAMINATION AS PER RULE, FOR Part-S.S. No 2 - and Damage stated to have been sustained thro collision with tug "Neptune" on Oct 1st 1893, whilst lying in the River Clyde.

Vessel placed in dry dock, bottoms cleaned, examined & painted. The Holds, Peaks & Cross Bunker cleared; the timbers, & ceiling equal to three shakes each side fore & aft, in Nos 1 & 2 holds, lifted. Examination made of plating, frames, floors, cement etc, in holds, peaks & cross bunker; ceiling removed from top of tanks of D.B., the tops of tanks sealed & coated; the tanks of D.B. & F.P.T. cleaned & examined internally, afterwards tested under water pressure with the exception of tank under E & B. Chain cables ranged. Mast (wedging removed) spars & general equipment examined, the main & mizzen gaffs found in an unsatisfactory condition, these have now been dispeased with. Pumps sluices etc. examined. The tank under E & B has now been

SUMMARY OF DAMAGE REPAIRS: Plates, Faired or Repaired; 2 Frames, ditto. Plates, Renewed; Frames, ditto. Other Repairs 1 new frame, 2 shell chocks and etc.

PRESENT CONDITION OF THE		Good		Good		Good	
Decks	Good	Transoms, Pointers, & Crutches	Good	Copper, or Y.M.	<input checked="" type="checkbox"/>	Hatches	Good
Waterways	"	Timbers of Frame at the openings	"	(State if on Felt.)	"	Boats	"
Coamings	"	Ditto ditto at other places	"	When put on, Month	<input checked="" type="checkbox"/> Year <input checked="" type="checkbox"/>	Masts, Yards, &c.	"
Up'r Dk. Beams & Fastenings	"	Keelsons	"	Rudder	Good	Condition, how ascertained	By examination
Low'r Dk. Beams & Fastenings	"	Clamps, Shelves & Stringers	"	Windlass & Capstan	"	Sails	Good w/v
Plating	"	Selling	"	Pumps	"	Anchors No. of	3 B. 18. 2 K.
Planking	"	Cement or Asphalt	"	Engine Room Skylights	"	Cables, length	300 fms size 2 1/8
Beams or Rivets	"	(State which.)	"	Coal Bunker, Open'gs, Lids, &c.	"	(State if now ranged)	yes 2/16
Breasthooks & Stemson	"	Tanks	"	Scuppers	"	Hawsers & Warps	Good
		(State if now tested.)	"	Cargo & Main H'tch'w'ys	"	Standing & Running Rigging	"
		CaULKING of Bot'm, D'k, & Wat'r'w'ys	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, 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 is now in a good & efficient condition, and eligible, in my opinion, to remain as classed, with fresh record of survey. Gls 18.93 & on the completion of survey to notation S.S. No 2 -; and to have tank under E & B deleted. 58'

Office Fee (if chargeable) per Scale II, Sec. 27 £ : : Fees applied for, 18/10/93
Survey Fee (per Section 28) £ 6 : :
Special Damage & Repair Fee (if any) £ 2 : 2 : Received by me, 20/10/93
(per Sec. 28.)
Travelling Expenses (if chargeable) £ : :
Second Surveyor's Fee (if any) £ : 10 :
*Is Certificate now required?

Committee's Minute TUES. 24 OCT 1893
Character assigned Referred for completion
Miss Duffers Lt. 25.10.93
Miss Brown. Rpt. 18.10.93
Expunge record of tank.

Form No. 2 for Repairs, 20,000-24/9/01. - (Amendment 1893).
(The Surveyors are requested not to write on or below the space for Committee's Minute.)
TUES. 16 JUL 1895
FRI 22 FEB 1895
TUESDAY 15 FEB 1895
FRI. MAR 20 1896
FRI. 20 MAY 1895
FRI 5 JUL 1894
FRI 13 NOV 1895
TUES. 4 DEC 1894
FRI. 30 AUG 1895
FRI. 22 NOV 1895
TUES. 21 DEC 1897
GLS168-0177 (112)

- S.S. "River Indus" -

been cut off, by having the valve altered, in consequence of the tank top being holed in places; this deterioration however does not affect the strength of the vessel at this part: (it is the Owners intention to have the top of tank of E & B renewed when the boilers are taken out which will be in about ^{four years time}.)

Repairs due to wear & tear. - Rudder pintles rebushed. Ceiling renewed in holds where necessary. Plate on Star^d bow, in way of Fore, found indented, faired in place, two frames, in way of same, found fractured, now repaired with efficient doubling angles. The rivets in ends of three panting beams in F.P.T. found slack, now renewed, & to further prevent movement at this part, additional brackets have been fitted to top of panting beams; one panting beam, at bulkhead, in F.P.T. found broken at knee, now repaired with efficient bracket plate; five beam knees at Deck in F.P.T. with welds slightly started, now fitted with bracket plates.

Repairs due to damage. - 1 plate in K, 1 in L, 1 in M, & 1 in N chokes, on Star^d quarter, at fore end of bulkhead between No 4 & 5 holds, found holed & fractured, now renewed; 2 frames & 1 rev frame, in way of damaged plates, found broken & bent, now cut out & renewed (for lengths of 1 of 7'6" 1 of 11'6" & rev frame 9'3") efficient bosom pieces etc. fitted: two shell chocks, one bulkhead liner, sparring & cement found broken, now renewed.

To complete this survey - the side bunkers require to be cleared & examination made of same, this the owners propose to do on the vessels return to the U.K. (about 6 months time)

Jeb.