

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report..... 18..... When handed in at Local Office..... 18..... Port of London
 No. in Reg. Book. 1114 Survey held at London Date, First Survey 19/6/97 Last Survey 9th Aug 1897
 on the Wood, Iron or Steel Ship CRUSADER (No. of Visits) Master Burton

TONNAGE: GROSS 1058 Built at Glasgow By whom C. Connell & Co When 1865-3
 UNDER DK. 986 Owners Shaw Savill & Albion Co Limit Port belonging to Glasgow
 NET 1058 Owners' Address (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock Browns Poplar Destined Voyage
 WB=Cell DBorDBa feet; u&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.

Last Survey, No. 57736 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.

REPAIRS, OR EXAMINATION AS PER RULE, FOR S.S. No 2 and Damage Repairs
S.S. No 2:— This vessel was placed in Poplar Dry Dock, the bottom examined cleaned and recoated.

The holds and fore peak &c. cleared, all the loose hatches in the close ceiling lifted in excess of the requirements of the rules, and the cement framing plating, floors, stringers, keelsons, &c. examined. & recoated
 The chain cables ranged out for inspection
 The decks cleared and examined, the masts, spars rigging, pumps &c. overhauled.
 The requirements of the Society's Rules for Special Survey No 2 fully complied with.

Continued.

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items
Renewed	4							new rudder complete
Faired or Repaired ...								part new starboard
GENERAL CONDITION OF THE	<u>Good</u>							
Timbers of Frame at the openings	<u>Good</u>							
Rudder	<u>Good</u>							
Hatches	<u>Good</u>							
Boats	"							
Masts, Yards, &c.	aloft							
Condition, how ascertained	(State if wedges removed <u>yes</u>)							
Sails	<u>good</u>							
Equipment letter	"							
Anchors, No. of	<u>3 B, 1 S, 2 R</u>							
Cables (State if now ranged)	<u>yes</u>							
length	<u>270</u> size <u>1 1/16</u>							
Rule length	<u>270</u> size <u>1 1/16</u>							
Hawsers & Warps	<u>good</u>							
Standing & Running Rigging	"							

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 vessel now appears to be in a sound and efficient condition, eligible in my opinion to remain as classed with a fresh record of survey Lon 8/97 and the notation for S.S. No 2-97

Surveyor to Lloyd's Register of British & Foreign Shipping.
Edward J. Turner
W. Mulverby
 Received by me, 13/8/97

Committee's Minute
 Character assigned * A
 Date FRI 13 AUG 1897
 No. No. 2-97
 Lloyds Register Foundation
 LON 713-0173 (1/2)

THUR, 12 AUG 1897

Port of London

Continuation of Report No. 59069 dated August on the

Ship "Crusader"

Damage Repairs.

Rudder: The damaged rudder removed and renewed complete with new forging & plating &c.

The rudder trunk renewed also rudderlock.

Stern Frame: The damaged forging removed and a new main post welded to sole piece. The heel gudgeon in sole piece repaired.

Plating: Four shell plates adjacent to post renewed on the starboard side $\frac{1}{2}$ - one in G. H. K and L strakes of plating.

Main Dk stringer &c: The double angle stringer round stern partly cut away to ship rudder renewed a new deck plate fitted around trunk with two new earlings.

Deck Planks. Sufficient deck planks removed on poop and main decks to ship rudder &c. about 40 ft on poop dk and 60 on main dk renewed

Cement The cement in after peak and counter cut out and renewed in way of new post &c.

Steering Gear. The screw gear taken apart. The screw straightened, & turned up in lathe. Two new nuts fitted to screw. Cross head and tiller fitted & keyed to rudder head. The steering wheel repaired also case over gear. The stuffing box on poop deck refitted.

Fittings The w.c.'s and Bath Rooms & fittings over counter replaced as before.

Paint The new work painted

Edward J. W. Terrey.

Cause of Damage

It was reported that the above repairs were in consequence of striking the wall on the South Bank of the River when on her way to Dry Dock on 19th June 1897. S. S. T.