

MANILA, P. I.

February 23, 1918.

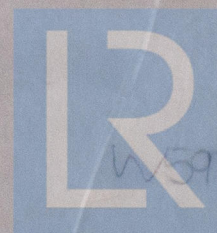
I, WILLIAM SWANN

Messrs. Pacific Mail Steamship Co. Manila, attend on board the American Steel Co. Br. "CANTIQUE", 6502 tons Gross Reg. while lying afloat in Manila Harbour on 16th., 18th., & 20th. February 1918 for the purpose of surveying the undetected damage to the vessel's hull, said to have occurred through heavy weather encountered on the voyage to Manila. (For particulars see log book and protest).

I found that the vessel had suffered the following damage:-

In No. 1. Hold. The upper 'tween deck and lower 'tween deck and orlop deck were each sagged down about three and a half inches at the forward hatch coaming of No. 1. Hatch. The damage extended approximately longitudinally from the forward hatch coaming for three beam spaces forward and thwartships as far as the deck girders nearest each side of the hatchway.

In addition the fore and aft coamings of the hatchways were considerably sagged down in the centre, but this damage is said to have occurred on a previous occasion.



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2

The hold pillars, between these decks, and between the shelter and upper 'tween deck, and between the lower 'tween deck and orlop deck -nearest the forward hatch coamings-, were torn from their fastenings and bent, as also were the hatch ladders.

One rivet through hull plating and framing, port side, in bilge near forward bulkhead was broken and leaking. Eight rivets through forward bulkhead were leaking slightly.

In No. 4 Hold. The upper and lower 'tween decks were each sagged down similarly, to about the same extent as described above for No. 1. Hold, at the forward hatch coaming of No. 4 Hatch, and the adjacent hold pillars similarly torn from their fastenings.

Also the fore and aft coamings had similar old damage as above mentioned.

On deck. One rivet through deck plating, opposite No. 2 Hatch, starboard side, was missing. (On shelter deck).

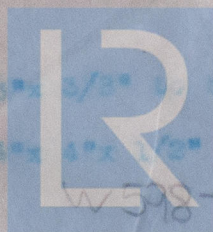
I recommended that temporary repairs be carried out as follows:-

In No. 1 Hold. Two angle iron stanchions 3"x 3"x 3/8" to be fitted between the shelter and upper 'tween decks. Two ditto 4"x 4"x 1/2" between the upper and lower 'tween decks. Two ditto 4"x 4"x 1/2" between the lower 'tween deck and orlop deck and two ditto 4"x 4"x 1/2" between the orlop deck and the floor plates at sides of ballast tank, all being at the forward coamings of hatches.

The defective hold stanchions to be reinforced and the hold ladders straightened and re-fastened.

The defective rivet in hull plating to be replaced, and the defective rivets in bulkhead to be replaced by screwed rivets.

In No. 4 Hold. Two angle iron stanchions 3"x 3"x 3/8" to be fitted between upper and lower 'tween decks and two 4"x 4"x 1/2" ditto



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between lower 'tween deck and tunnel top, all round at forward
coamings of hatches.

On Deck. The missing rivet to be removed.

These repairs have all been carried out to my satisfaction, and the vessel is now, in my opinion, in fit condition
to continue her voyage until a suitable opportunity to effect
permanent repairs.

SURVEY FOR
PICO OF
ONE HUNDRED FIFTY-SEVEN.



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