

S.S. "Pearl"

angles, about five feet long & face plate, & one with face plate, about 2'6" long. Three new plates riveted in Bunker Casing, in lieu of three that were wasted, one angle stiffener to same, renewed for about 15 sh. one plate renewed on Port Side aft at Bunkers, rail partly renewed round stern.

Repairs due to damage.— The Stem found broken, now renewed, for a length of about thirty-one feet: Scarph at fore end of keel found broken, one length of keel taken out, scarph rewelded & keel replaced: the side keelsons at Stem, broken, now partially renewed, the upper angle, on each side of vessel, for about nine feet, & the lower angle, for a length of about thirteen feet, six new lug pieces on Star^d side, and four new lug pieces on Port side, for connecting keelson to frames, now fitted. Plates—Nos one, two & three in A, No one in B, Nos one & two in C, Nos one & two in D and No one in E shakes, on Starboard side, and Nos one in A, No 1 in B, Nos one & two in C, No one in D, & No one in E shakes, on Port side, found broken and distorted, now renewed. Nos two in A & No two in D shakes, on Port side, indented, now taken off, faired & replaced. Frames Nos one, two, three, four & five, on Star^d side, from Stem, & Nos one, two, & three on Port side, found broken & twisted, now cut off at top of tank, & renewed to same height, plate bracket knees fitted on each side of tank top to compensate for cutting of frames, ~~reverse~~ reverse angles to the above frames renewed. Reverse angle to No 4 frame, on Port side, found broken, now renewed, No 6 frame, on same side, found bent, faired in place: frames Nos 8, 9, 10 & 11, on Star^d side, found fractured, now fitted with new angles & efficient bosom pieces (angles from 3'6" to 6'6"). One beam, at tank top found broken, now renewed; one found bent, now faired & replaced; one beam knee, found broken, now repaired with doubling plate; one broken panting beam, with brackets, now renewed; all the beam knees, in tank, more or less started at rivets, now reriveted; one staunchion found broken, now repaired; the others found started, reriveted; the forward end of M.L. keelson found bent over to Port, now cut off for two frame spaces, and five deep floors (3'4" deep with angles across top) fitted in place of ^{floor}fiot, that were carried away, in order to compensate for cutting away of M.L. keelson; the doubling plates, over landing edges of plates in shakes A & B, at Stem, found buckled & riveting started, now taken off faired & replaced; the cement in Fore Peak Tank, found broken, now made good: the fore-castle floor & fittings disturbed to effect repairs, made good.

The After Peak Tank has now been dispensed with, and a blank flange fitted over hole of filling pipe to same.

J. H. J. L.