

SS. " ISLEWORTH ".

March 1932.

SPECIFICATION OF PERMANENT REPAIRS.

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Drydock, shore and undock and allow dues for the number of tides required to complete the following repairs:-

H U L L.

Cut away and remove all the temporary steel work, cement, wood, etc. and portions of damaged and cropped plating and structure required in connection with the work.

Stem bar.

Upper portion, crop and raise new scarp.

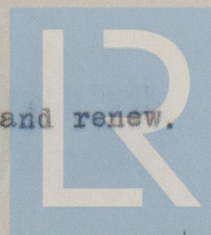
Lower portion, renew complete to new scarp raised.

Shell plating. Nos. from forward.Keel strake.

Plates Nos. 1 and 2 - cut off and renew.

Port side.A strake.

Plates Nos. 1 and 2 - cut off and renew.



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S.S. "ISLEWORTH".Shell plating. (Contd.)Port side.B strake.

Plates Nos.1 and 2 - cut off and renew.

Plate No.3 - release and fair in place.

C strake.

Plates Nos.1 and 2 - cut off and renew.

D strake.

Plates Nos.1 and 2 - cut off and renew.

F strake.

Plate No.1 - cut off and renew.

Plate No.2 - cut off, fair and rerivet.

G strake.Plate No.1 - remove, fair and rerivet and for access
to stem scarp.Starboard side.A strake.

Plates Nos.1 and 2 - cut off and renew.

B strake.

Plates Nos.1 and 2 - cut off and renew.

C strake.

Plates Nos.1 and 2 - cut off and renew.

Plate No.3 - release and fair in place.

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S.S. "ISLEWORTH".Shell plating. (contd.)Starboard side.D strake.

Plate No.1 - cut off and renew.

F strake.

Plates Nos.1 and 2 - cut off and renew.

Bilge Keel.Starboard side.

Length No.1 - remove, fair and refit.

Cut out or place in position any keel blocks required during repairs.

Main Frames. Nos. from stem.Port side.

Frames Nos.1 to 9 inclusive - renew to tank top.

Frame No.10, bulkhead bar - crop and renew to suitable butt above lower stringer, with bosom angle connection in way.

Frames Nos.11, 12 and 13, with reverse bars - renew to Main Deck.



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S.S. "ISLEWORTH".Main Frames. (contd.)Starboard side.

Frames Nos. 1 to 9 inclusive - renew to tank top.

Frame No. 10., Bulkhead bar, crop and renew to suitable butt above lower stringer, with bosom angle connection in way.

Frame No. 11 - release, fair and rerivet.

Fore Peak Tank.

Lower stringer, port and starboard, renew complete with nose plate and all angle connections and brackets complete.

Middle stringer nose plate and shell angles - renew.

Adjacent stringer plates, port and starboard, remove for access, fair and refit with new brackets and angle connections as found necessary.

✓ Deep floors on frames - renew as originally fitted.

✓ Intercostal girder plates and connections in two after spaces - renew.

Transverse tie plate, taking lower stringer, cut off, fair and refit, bulb angle face bar in way renew and brackets to Bulkhead stiffeners in way, fair and rerivet as necessary.



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S.S. "ISLEWORTH".

Stanchions.

No.1 - rerivet to middle stringer plating.

Nos.2 and 3, taking wash plate and floors, renew.

No.4, taking chain locker and floor, renew.

Bulkhead vertical stiffeners.

No.3 starboard - renew.

No.4 starboard bracket taking shell plating - renew.

No.4 port bracket taking shell plating - fair and rerivet.

Beams, five in number, taking middle and lower stringers - renew or remove, fair and refit as required.

Ladder - remove, straighten and resecure.

Chain locker - clean out for access and examination before replacing cables.

Tank suction valve and pipe connection in double bottom, repair with part new pipe, free and repair the extension spindle to hand wheel on deck and leave all in good working order.

Hand pump - overhaul, repair pipe, rig pump and test.

Sounding pipe - repair with part new.

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S.S. "ISLEWORTH".

No.1 Bulkhead.

Tank end plate and tank top angle in way - cut out and renew.

Lower Bulkhead plate, ^{crop out and renew} ~~crop and renew full depth from~~
~~xxx vertical stiffener to bulkhead bar~~ and adjacent
plate above, fair in place.

No.1 Hold. Nos. from Forward Bulkhead.

Port side.

Tank margin brackets Nos.1, 2 and 3 with angle connections and gusset bars in way - renew.

Tank margin brackets Nos.4 and 5 - release and fair in place with angles and gusset bars as required.

Tank margin bar - cut off and renew to suitable butt.

Starboard side.

Tank margin brackets Nos.1, 2 and 3, remove, fair and refit, bracket angles in way renew and gusset angles, remove for access, fair and refit.

Tank margin plates. Port and Starboard.

Plates No.1 - cut out and renew.

Plates No.2 - release and fair at forward end.

Removals of stringer plates, angle connections, etc. in way of foregoing frame and bracket renewals, all as necessary for access.



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s.s. "ISLEWORTH".Tank top plating.

Centre strake, Plate No.1, cut off and renew.

A strake plates Port and Starboard - fair at ends as required.

Tank top angle to Bulkhead - renew.

Centre Girder.

First length - renew with angle connections to shell, floors and tank top, etc., all as found necessary after removal of cement.

No.1 Tank floors.Port side.

Floors Nos.1, 2, 3 and 4 - cut out and renew.

Floors No.5 - remove, fair and refit.

Starboard side.

Floors Nos.1, 2 and 3 - cut out and renew.

Centre division plating - release with bulkhead and foundation angles in way, fair as necessary to take new tank top plating and rerivet.

Stringer Bracket angle connections to Bulkhead, three port and three starboard, remove, rejoin and rerivet.

All rivetting in vicinity of damage to be examined and hammer tested and renewed as necessary.



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S.S. " ISLEWORTH ".

No.1 Hold, close and spar ceiling and limbers - lift as required for access, afterwards relay in good order with part new wood as required.

Fore Peak tank hatch top plate - remove for access, renew and rerivet with suitable manhole, using existing manhole door.

No.1 Tank air pipe - release and repair with part new lower portion.

Fore Peak and No.1 Double Bottom tanks - fill and test to satisfaction of Surveyors; any retesting found necessary, owing to defects in repair, to be to Repairers' account.

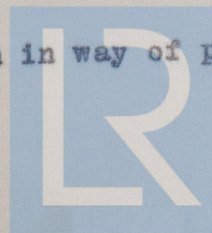
Scrape down, clean and supply and apply two good coats of cement wash to Fore Peak tank.

Nos.1 and 6 Double Bottom tanks and bilges in Nos.1 and 4 holds - open and clean, afterwards cement wash, rejoin doors, relay ceilings and limbers with part new wood as required.

Scrape down all steel work in Nos.1 and 4 Holds to a height of 14'-0" and supply and apply two coats genuine red lead paint.

Anchors and chain cables - range for examination and restow.

Poop rails - repair where broken in way of port fairlead.



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S.S. "ISLEWORTH"

Supply and fit two new heavy type cast iron bollards, where pointed out.

Supply one anchor shackle and two mooring shackles, with Lloyd's test certificates.

Supply two towing wires - 5 1/4" circumference, 28 fathoms.

All new and disturbed work to be painted two coats.

All dirt and rubbish made during repairs to be removed ashore.

Stores and gear in forecastle and forepeak spaces to be removed, stored in a safe place and replaced on board on completion of repairs.

All repairs and material used to be to the approval of Classification, Underwriters' and Owners' Surveyors.

The vessel will be delivered and reaccepted afloat either alongside or directly into the successful tenderer's dry dock.

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S.S. "ISLEWORTH".M A C H I N E R Y.

Remove propeller and draw in tail shaft for examination, afterwards replace shaft and propeller and couple up, including for fitting new rubber ring, gland packing and dressing end of liner and coupling bolts as required.

Test pitch of propeller blades and dress off edges where chipped.

Rewood lower half of stern bush with end grain lignum vitae.

Open out tunnel, thrust and crank shafting for examination and afterwards close.

Open out Main Engine Cylinders, Pistons, Condenser, Guides and Pumps for examination, afterwards adjust and close up.

Open out Ballast and General Service Pumps for examination, afterwards close, repack glands and test under steam.

Examine and harden up all Main Engine Holding down bolts.

Lift plates and clean for access the space under Main Boilers for examination of stools and collision checks.



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