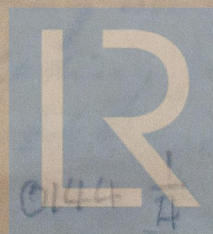


N^o 15067ADVISED BY *S* DEPT.
TO *Liverpool**Swansea**10th March 1920**G. C. Vaux*

*M^r Yorke, representing the Managers, on behalf of the
Shipping Controller, survey parts of the Machinery
and Boilers of the ex German Steamer "Javary"
4188 tons gross of London, on the 24th January and
subsequent dates, whilst lying afloat in the North
Dock Swansea.*

*On examination found the inside of both main
boilers thickly coated with scale & oil especially
on the heating surfaces, all (or) combustion chambers
partially full of salt, and many of the tubes blocked
up with salt & dirt. Seams in all combustion
chambers started leaking. Both wing furnaces
in Port boiler out of round about 2". Lower longitudi-
nals ^{stay} in Port boiler leaking. Superheater
elements thickly coated with salt & dirt.
Studs of smoke boxes leaking. Seats of feed
check valves in both boilers loose. Diamond blowers
in follower*



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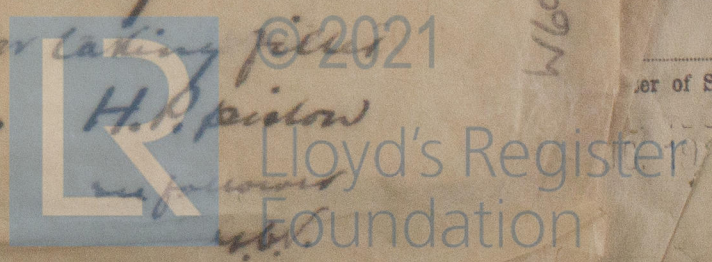
1/2 January

Diamond blowers on both boilers choked & stuck. Fast
Repairs to both Main boilers now done.
Both main boilers thoroughly scaled & cleaned
out & afterwards boiled with soda, which was
blown out & boilers filled with fresh water for
voyage. The seams in all (six) combustion chambers
welded up electrically & seams recaulked where
required. Heads of old Rivets in seams built
up as necessary. All tubes cleared & expanded.
Both wing furnaces in Port boiler set up.
Lower longitudinal stay nuts removed & stay
recaulked & nuts & washers rejoined.
Superheater elements all removed, cleaned
overhauled & replaced in good order.
Heads for smokeboxes recaulked & rejoined with
nuts & washers on inside. Seats of check valves
on both boilers renewed. Diamond blowers
on both boilers overhauled & made workable.
On completion of repairs both boilers were
tested by hydraulic means and afterwards
examined under steam and found tight
and satisfactory.

Main Engines.

All feed water fillers & oil separators opened
up & examined found same thickly coated
with oil, these have now been thoroughly
cleaned out and new filtering medium
filled. A new spare cage for taking filler
clothes has been supplied.

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W694 - 0147

2/January

H.P. piston opened up & examined, rings found worn, a new set of rings have been fitted.

H.P. piston slide valve opened up & examined, packing rings overhauled & replaced.

M.P. piston slide valve opened up & examined overhauled & replaced.

H.P. connecting rod bottom end bearing retreaded to crank pin.

Main engine lubricators overhauled & put into good working order.

Auxiliary machinery.

Centrifugal pump cylinder skimmed out and new piston with Rambottom rings fitted.

Feed pumps overhauled & new packing fitted to buckets. New brass junk ring fitted.

Float tank cleaned out, float valve overhauled & replaced in good order.

New drum cap fitted to dynamo stop valve.

Pyrometer gauges for superheated steam overhauled & put in order.

Water gauge columns on main boilers fitted & overhauled, and new copper pipes fitted (to replace iron pipes) New steam valve & spindle fitted to Starboard Main boiler.

Gudgeons on pipes remade & other minor repairs effected.

(All other repairs for hull repairs)



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9 1/2 "January"

Repairs on hull.

New buffer springs fitted to after steering chains.
Forward bulkhead in stowhold stiffened up in
way of ash hoist, four stiffeners fitted.
Two additional doors put in side of casing
in 'tween deck to facilitate bunkering, & fitted
with suitable hatches. *Note* these two doors are
in the trunkway leading to lower bunker.
Landing of shell plate on Port side forward in
No 1 lower hold renewed & Rivets hardened up.

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