

EME

7th February, 1928 .

S.S. "NERO"

Remove & renew fore well deck plating from bridge front to approx. 10'0" from stem (No.5 frame from forward).

Plates numbered from bridge bulkhead to forward, centre line A, stringers D.

Remove & renew No.1 plate in A 17'6" x 60" x 5/16"

Remove & renew No.2 plate in A 12'6" x 60" x 5/16"

Remove & renew No.1 plate in B port & starbd each side.  
15'0" x 60" x 5/16"

Remove & renew No.2 plate in B port & starbd each side.  
12'6" x 60" x 5/16"

Remove & renew No.2 plate in C port & starbd each side.  
17'0" x 60" x 5/16"

Remove & renew No.3 plate in C port & starbd each side.  
15'3" x 57" x 5/16"

Remove & renew No.4 plate in C port & starbd each side.  
14'0" x 42" x 5/16"

Remove & renew No.1 plate in D port & starbd each side.  
22'3" x 27" x 7/16"

Remove & renew No.2 plate in D port & starbd each side.  
23'0" x 28" x 3/8".

Remove & renew No.3 plate in D port & starbd each side.  
18'0" x 30" x 3/8".

Remove & renew No.1 plate in C port & starbd each side  
11'0" x 60" x 5/16"

extending under bridge bulkhead coaming plate from well deck to tween deck.

Remove & refit 2 doublings in way.

Part remove bridge front coaming plate with foundation angle bar for access & refit & fit butt straps.

Remove & renew 12 frames each 8'0" x 4" x 3" x 3/8". 6 on port and 6 on starbd side.

Remove & renew bridge on upper deck plating, plates numbered from bridge to aft, strake centre line A outboard to stringer.

Remove & renew No.1 plate in D strake, port & starbd.  
Each 17'6" x 36" x 9/20"

Remove & renew No.2 plate in D strake port & starbd.  
Each 19'6" x 36" x 9/20".

Remove & renew No.3 plate in D strake port & starbd.  
Each 17'3" x 36" x 9/20".

Remove & renew No.4 plate in D strake port & starbd.  
Each 17'3" x 36" x 9/20".



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- Remove & renew No.5 plate in D strake port & starbd.  
Each 17'3" x 36" x 8/20".
- Remove & renew No.6 plate in D strake port & starbd.  
Each 17'3" x 36" x 8/20".
- Remove & renew No.7 plate in D strake port & starbd.  
Each 15'0" x 42" x 8/20".
- Remove & renew No.8 plate in D strake, port & starbd.  
Each 7'6" x 48" x 8/20".
- Remove & renew No.1 plate in C strake, port & starbd.  
Each 15'0" x 54" x 5/16".
- Remove & renew No.2 plate in C strake port & starbd.  
Each 14'6" x 54" x 5/16".
- Remove & renew No.3 plate in C strake port & starbd.  
Each 15'3" x 54" x 5/16".
- Remove & renew No.4 plate in C strake port & starbd.  
Each 17'0" x 48" x 5/16".
- Remove & renew No.5 plate in C strake port & starbd.  
Each 21'0" x 42" x 5/16".
- Remove & renew No.6 plate in C strake port & starbd.  
Each 20'0" x 66" x 5/16".
- Remove & renew No.7 plate in C strake port & starbd.  
Each 10'0" x 66" x 5/16".
- Remove & renew No.8 plate in C strake port & starbd.sides.  
Each 9'0" x 42" x 5/16".
- Remove & renew No.1 plate in B strake port & starbd.  
Each 19'6" x 54" x 5/16".
- Remove & renew No.2 plate in B strake port & starbd.  
Each 8'6" x 54" x 5/16".
- Remove & renew No.1 plate in A strake. 16'0" x 54" x 5/16"
- Remove & renew No.2 plate in A strake. 12'0" x 54" x 5/16"
- Remove & renew No.3 plate in A strake. 14'6" x 42" x 5/16"
- Remove & renew No.4 plate in A strake. 10'0" x 54" x 5/16"
- Remove & renew plate in galley. 15'0" x 66" x 5/16"
- Remove & renew forecastle bulkhead coaming plate, forming  
end of No.1 hatch. 15'0" x 42" x 3/8".
- Remove & renew engine room & stokehold casing top.  
3 plates 15'0" x 48" x 1/4".
- Remove & renew forward fiddley bulkhead above grating, 5  
plates 7'0" x 39" x 1/4".
- Remove & renew 2 engine room casing coaming plates at fore  
end, 1 port & 1 starbd, each 17'6" x 27" x 3/8" and remove  
& refit 2 door frames.



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Renew about 60'0" of 3 x 3 x 5/16 casing top angle bar.

Renew rivets in rust bound seams at casing.

Remove & renew 1 berthing plate forward at forecastle break, port side, 14'6" x 48" x 5/16"

Engine room floors. Numbered from after peak bulkhead.

Remove & renew No.1 floor, 5'0" x 51" x  $\frac{1}{2}$ "

Remove & renew No.2 floor, 6'0" x 51" x  $\frac{1}{2}$ "

Remove & renew No.3 floor, 7'0" x 51" x  $\frac{1}{2}$ "

Remove & renew No.4 floor, 8'0" x 51" x  $\frac{1}{2}$ "

Stokehold, port & starbd.

Remove & renew 10 intercostals.

Removals in way.

Remove & refit 4 large bollards & pads.

Remove & refit 2 quadrant chocks.

Remove & refit stuffing box & rudder.

Remove & refit patent log standard & pads.

Remove & refit 2 winches & all pipes.

Supply & fit 650 ft. of 2 x 6 cargo battens in holds.

Take up & renew 500 ft. of 2 x 9 forecastle deck in sailors and firemens quarters and caulk.

Supply and fit 40 cleats.

Take up and renew 400 ft. of 2 $\frac{1}{2}$  x 9 deck and caulk same.

Unbolt and clear forecastle deck and replace with 80'0" of new 2 $\frac{1}{2}$  x 5 pitch pine deck and caulk.

Chip and scrape forecastle deck.

Remove & refit windlass. *Cable lifter*

Remove & refit 4 bollards and pads.

Remove & refit 2 ventilators.

Remove & refit 1 wire reel, 2 fairleads & chocks, 2 sounding pipes, 3 hawse pipe plates and 2 compressors and chocks and steering gear.

Remove & refit storeroom fittings etc.

Remove & refit fittings in saloon, captain, chief Officer's cabins, pantry, store and W.C. with part new.

Remove & refit forecastle berths, bulkheads, shipside linings, lockers, etc.

Remove & refit door frames and doors aft.

Remove & refit berths and fittings in 2 cabins aft.



Remove & refit anchors and cables and gear.

Split out cement in waterways and cement stops in way of repairs and recement.

Chip and scrape frames and beams.

Split out tiles and cement in galley and W.C. cement and re-tile same.

Remove & refit galley stove.

Remove sand ballast and kentledge and place in barge and replace on completion of repairs, and chip tank under sand. Chip tween deck in hold.

Scale tank margin, brackets & shell up to lower stringer.

Chip engine room skylight.

Renew cement in way of centre keelson plates.

Scale floors in way of stokehold and engine room.

Chip and scale fore and main mast in way of partners.

Let go rigging on foremast on both sides & replace same.

Let go rigging on mainmast on both sides & replace same.

Unship gear, remove & renew mizzen mast & unship gear & stays to same.

Examine & renew where necessary bulwark stanchions.

Replace coal on completion.

#### Pipes.

##### Forewell deck.

Disconnect, clear & refix deck suction pipe.

Disconnect & refix sounding pipe.

Disconnect, repair & refix forepeak tank air pipe.

Disconnect, repair & refix No.1 tank air pipe.

Disconnect, repair & refix port forward W.C. and soil pipe.

Renew fractured filling pipe in tween deck No.2 tank.

##### Bridge deck.

Disconnect & refix port & starbd aft hold deck pumps.

Disconnect & refix port & starbd bilge sounding pipes.

Disconnect & refix port & starbd No.3 tank sounding pipes.

Disconnect, repair & refix port & starbd No.3 tank air pipes.

Disconnect & refit port & starbd No.2 tank air pipe.



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Disconnect & refix saloon W.C., soil pipe & service pipe.

Disconnect & refix engineers W.C., soil pipe & service pipe.

Disconnect & refix oil tanks filling pipe.

Disconnect, repair & refix wash deck service.

Disconnect & refix electric wire pipes in tween deck.

Remove & refit electric wires from tubes in tween decks, remove fittings & replace same.

Remove & refit sanitary pipe connections.

Disconnect, clear & refix about 42 bilge & tank suction pipes in way of keelson plate.

Ballast tank repairs.

Remove & renew 40 margin bracket reverse angle bars.  
Each 2'6" x 3" x 3" x  $\frac{3}{8}$ ".

Remove & renew one tank margin plate, starbd side.  
15'3" x 33" x 5/16"

Remove & refit for access 8 margin bracket lugs and onetank air pipe.

Remove & renew 8 bracket side lugs, each 2'0" x 3" x 3" x  $\frac{3}{8}$ ".

Port side.

Remove & renew 55 floor reverse bars, average 10'9" x 3" x 2 $\frac{1}{2}$ " x  $\frac{3}{8}$ "

Remove & renew 165 floor lugs.

Starbd side.

Remove & renew 55 floor reverse bars, average 10'9" x 3" x 2 $\frac{1}{2}$ " x  $\frac{3}{8}$ "

Remove & renew 165 floor lugs.

For access to above repairs, remove & refit tank suction pipes in way.

Renew 5 shell plates in B strake on port side and renew 5 shell plates in B strake on starbd side.  
2 plates 15'9" x 54" x  $\frac{3}{8}$ ", 2 plates 15'3" x 54" x  $\frac{3}{8}$ " and 6 plates 22'6" x 54" x  $\frac{3}{8}$ ".

Cut away & renew cement as necessary.

Remove & refit 22 doors.

The following additional shell plates to be removed & renewed:-  
Port C.8. 16'6" x 54" x  $\frac{3}{8}$ "

Port D.10. 16'6" x 54" x  $\frac{3}{8}$ ".

Port D.2. 16'6" x 54" x  $\frac{3}{8}$ "

Port E.3. 16'6" x 54" x  $\frac{3}{8}$ ".

Starbd C.1. 16'6" x 48" x  $\frac{3}{8}$ ".

Starbd D.2. 16'6" x 54" x  $\frac{3}{8}$ "

Starbd D.10. 16'6" x 54" x  $\frac{3}{8}$ ".

Starbd E.3. 16'6" x 54" x  $\frac{3}{8}$ ".



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Remove & refit one sea chest and one cock.

Part release 8 frames on port side and 8 frames on starbd side in way of forecastle accommodation, remove rust and rerivet, and accommodation made good.

Renew about 200 odd rivets.

Ballast tanks to be tested on completion of repairs.

Paint new and disturbed work, 1 coat red lead.

Make and break necessary staging.



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Repairs in bunker.

Port side, remove & renew 4 wash plates. 23" x 14" x 5/16"

Starbd side, remove & renew 2 only.

Port side, 2 floor reverse angle bars. 12'0" long x 2½" x 2½" x ⅜"

Starbd side, 2 floor reverse angle bars, 12'0" long x 2½" x 2½" x ⅜"

In way of above, remove & refit 7 lengths of bilge pipe, 5'0" long.

Engine room.

Port side floors.

Nos. 2 & 3 floors from screen bulkhead, fit doubling plates.  
Each 4'6" x 20" to bottom half of floors.

Cement to cut away and renew.

2 bilge suction pipes to remove & refit for access.

Starbd side.

No.6 floor, fit doubling plate. 4'6" x 3'6" joggled over bars.

No.8 floor.

Fit 2 doubling plates 3'6" x 2'6"

Centre keelson.

Fit 6 doubling plates 20" x 16"

Cut away and renew cement in way.



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