

OCT 18 1937-

S.S. "TERNEUZEN".Classification of repairs recommended by Lloyd's Surveyors with a view
to reclassification.

CEILING:-	Plates numbered from forward.	
:-	Nº.4,5,7,8,9,11 and 12	Remove, fair and refit
W. PORT:-	Nº.4,5,6,7,8,9,10,11, and 12	Remove, fair and refit
	Nº.13	Fair in place.
E. STREB:-	Nº.4	Fair in place.
	Nº.5,6, and 7	Remove, fair and refit
	Nº.8	Renew.
	Nº.9 and 10	Remove, fair and refit.
	Nº.11	Fair in place
W. PORT:-	Nº.5	Fair in place
	Nº.6,7,8,9,10,11, and 12	Remove, fair and refit
E. STREB:-	Nº.5	Fair in place.
	Nº.6,7, and 8	Remove, fair and refit
	Nº.9 and 10	Renew
	Nº.11	Remove, fair and refit
	Nº.12	Fair in place.
W. PORT:-	Nº.4,5,8,9,	Remove, fair and refit
	Nº.10	Renew.
	Nº.11.	Remove, fair and refit
E. STREB:-	Nº.4	Fair in place
	Nº.5,6,7,8,9,	Remove, fair and refit
	Nº.10	Fair in place
	Nº.11	Remove, fair and refit
	Nº.12	Fair in place
W. PORT:-	Nº.3	Remove, fair and refit
	Nº.4,5, and 6,	Fair in place
	Nº.7,8, and 9,	Remove, fair and refit
E. STREB:-	Nº.4,5,6, and 7,	Remove, fair and refit
	Nº.8	Renew.
	Nº.9	Remove, fair and refit
	Nº.10	Fair in place.

- STRAKE STRBD:- No. 9, and 10 Fair in place.
- STRAKE STRBD:- No. 11 and 12 Remove, fair and refit
- STRAKE STRBD:- No. 10, 11, and 12 Remove, fair and refit
- STRAKE STRBD:- No. 10, 11, and 12 Remove, fair and refit

plates in way of above plates in "P" "G" and "H" strake together with beam and tank side brackets to remove, fair as necessary and refit.

plates, Port and Strbd..... (Cracks in same to weld and doublers to fit at knuckle.

Some started rivets No. 3 floor aft of forward manhole to renew.

Double Bottom Tank
Port side

Double Bottom Tank-
Port Side.

Intercostal between Ford Bulkhead No. 1 solid floor. Remove, fair and refit

Inter Brackets on Bracket Floors solid floor (from for'd) Remove, fair and refit.

Intercoastal between No. 1 and 2 solid floors. Renew.

Inter Brackets on Bracket Floors. No 3 solid floor Remove, fair and refit

Intercoastal plates between No. 2 and 3 solid floors. Renew.

Inter Bracket on Bracket Floors No 3 solid floor Remove, fair and refit

Intercoastal between No. 3 and 4 solid Floors Crop and renew outer portion.

No 4 Solid Floors Renew.

Intercoastal plates between No. 4 and 5 solid floor. Crop and remove, fair and refit outer portion.

No 10 solid floor Remove, fair and refit

No 11 Solid floor. Fair in place inner portion.

No 12 solid floor. Remove, fair and refit

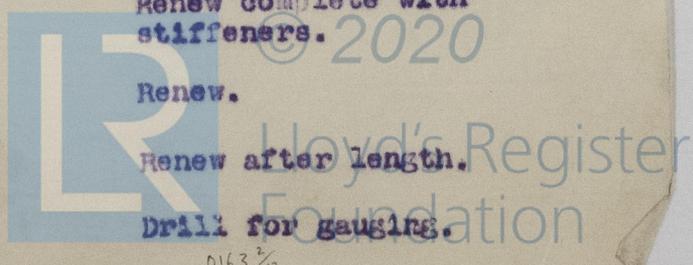
No 13 solid floor. Renew inner portion with stiffeners.

No 14 solid floor. Renew inner portion with stiffeners

after intercostals Renew complete with stiffeners.

Vertical centre keel plate Renew.

Tank top plating in last bays. Renew after length. Drill for gauging.



ing in Vertical Centre Keel plate and remaining floor plates etc.
haul and renew as necessary.

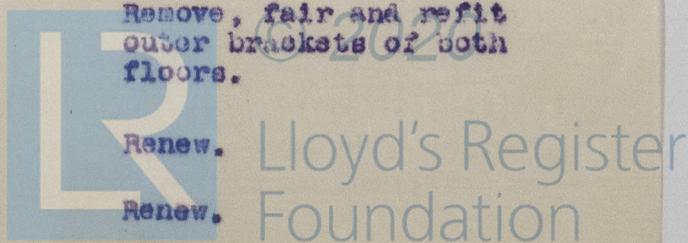
and reverse frames on bracket floors fair in place or remove, fair
refit as necessary.

and reverse frames of solid floors fair in place, or remove, fair
refit as necessary.

DOUBLE BOTTOM TANK.

Starbd.

at to vertical Centre Keel under pillar	To be refitted.
costal plates between for'd bulkhead and solid floor.	Fair in place.
solid floor	Remove, fair and refit.
costal between No.1 and 2 solid floor.	Fair in place.
solid floor	Remove fair and refit
costal plate between No.2 and 3 floors	Renew.
et floors between No. 2 and 3 solid s.	Renew outer brackets.
solid floor	Renew.
et floors between No.3 and 4 solid floors.	Renew outer brackets and rivet inner brackets.
costal plate between No.3 and 4 solid floor.	Remove fair and refit
solid floor	Renew.
costal plate between No.4 and 5 d floor	Renew.
et floors between No.4 and 5 d floor.	Renew outer brackets on for'd floor and remove, fair and refit brackets on after floor.
costal plate between No.6 and 7 d floors.	Remove, fair and refit
solid floor	Fair in place.
costal between No.7 and 8 d floor.	Remove, fair and refit
et floors between No.7 and 8 solid s	Remove, fair and refit outer brackets of both floors.
solid floor.	Renew.
costal plate between No. 8 and 9 d floor	Renew.
et floors between No.8 and 9 d floors.	Remove, fair and refit outer brackets of both floors.
solid floor.	Renew.
costals between No.9 and 10 solid floors	Renew.

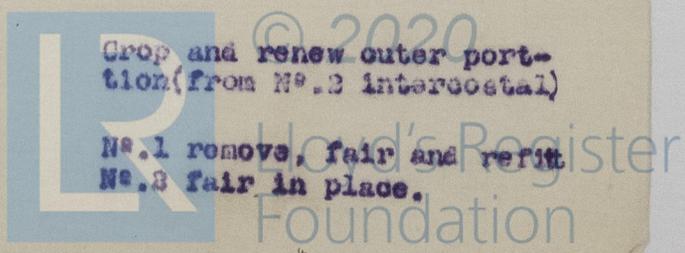


OCT 18 1937 -4-

- floors between No.9 and 10 floors. Remove, fair and refit outer brackets of both floors.
- solid floor. Renew.
- cestral between No.10 and 11 floors. Renew.
- solid floor. Renew.
- cestral between No.11 and 12 floors. Renew.
- solid floor Renew.
- solid floor Renew.
- cestral between No. 13 and 14 floor Renew.
- solid floor. Renew.
- cestral between No.14 floor and end. Renew.
- a pipes to forepeak and No.1 Renew one length of each suction line.
- and reverse frames, of bracket floors to fair in place or remove, and refit as may be necessary.
- and reverse frames of solid floors to fair in place or remove fair and refit as may be necessary.

DOUBLE BOTTOM TANK PORT.

- cestral between forward tank and solid floor. Renew.
- solid floor. Remove, fair and refit.
- cestrals between No.1 and 2 solid floor. Renew.
- solid floor. Renew.
- cestrals between No.2 and 3 solid floors Remove, fair and refit.
- solid floor Renew.
- cestrals between No.3 and 4 solid floor Remove, fair and refit.
- cestral between No.3 and 4 solid floor Renew outer portion.
- solid floor. Renew.
- cestrals between No.4 and 5 solid floors. Remove, fair and refit.
- solid floor. Crop and renew outer portion (from No.3 intercestral)
- cestrals between No.5 and 6 solid floor. Remove, fair and refit.
- solid floor. Crop and renew outer portion (from No.3 intercestral)
- cestrals between No.6 floor and after end. No.1 remove, fair and refit No.2 fair in place.



Tank end Crop and renew outer portion (from No. 2 intercostal remainder fair in place.

Centre girder To renew full length.

Frames and reverse frames of bracket floors to remove, fair and refit or fair in place as necessary.

Frames and reverse frames of solid floors to remove, fair and refit or fair in place as necessary.

NO. 3 DOUBLE BOTTOM TANK STARBOARD.

Forward tank end. Renew with stiffeners.

Intercostals between tank end and No. 1 solid floor. Remove, fair and refit.

No. 1 solid floor. Renew complete.

Intercostals between No. 1 and 2 solid floor. Renew.

No. 2 solid floor. Renew complete.

Intercostals between No. 2 and 3 solid floors. Remove, fair and refit.

No. 3 solid floor. Renew, complete.

Intercostals between No. 3 and 4 solid floors. Renew outer portion.

2 Bracket floors between No. 3 and 4 solid floors. Renew outer brackets.

No. 4 solid floor. Renew complete.

Intercostals between No. 4 and 5 solid floors. Remove, fair and refit.

No. 5 solid floor. Renew.

Intercostal between No. 5 and 6 solid floors. Remove, fair and refit.

Bracket between No. 5 and 6 solid floors. Remove, fair and refit.

No. 6 solid floor. Renew.

Intercostals between No. 6 solid floor and tank end. Remove, fair and refit.

After tank end. Renew with stiffeners.

All main and reverse frames on bracket floors to be removed, faired and refitted, or faired in place as found necessary.

Frames and reverse frames on solid floors remove, fair and refit, or fair in place as necessary.

NO. 4 DOUBLE BOTTOM TANK, PORT.

Intercostals between forward tank end and No. 1 solid floor. Fair in place.

No. 1 solid floor. Renew.

Intercostals between No. 1 and 2 solid floors. Remove, fair and refit.

No. 2 solid floor. Renew.

Intercostals between No. 3 and 3 solid floors. Remove, fair and refit.



№.3 solid floor. Renew.

Intercostals between №. 3 and 4 solid floors Remove, fair and refit.

№.4 solid floor. Renew.

Intercostals between №. 4 and 3 solid floor. Remove, fair and refit.

№.5 solid floor. Remove, fair and refit.

Intercostals between №.5 and 6 solid floors. Remove, fair and refit

№.6 solid floor. Remove, fair and refit

Intercostals between №.6 and 7 solid floors Remove, fair and refit.

№.7 solid floor Fair in place.

Intercostals between №.7 floor and tank end Fair in place.

Tank end. Fair in place;

Main and reverse frames on bracket floors to fair in place or remove, fair and refit as found necessary.

Frames and reverse frames on solid floors to fair in place or remove, fair and refit as found necessary.

№.4 DOUBLE BOTTOM TANK, STARBE.

Intercostals between for's tank end and №.1 solid floor. Renew.

№.1 solid floor.

Intercostals between №.1 and 2 solid floors. Renew.

№.2 solid floor Renew.
Renew.

Intercostals between №.2 and 3 solid floor.

№.3 solid floor Renew.

Intercostals between №. 3 and 4 solid floors. Renew.

№.4 solid floor Renew.

Intercostals between №.4 and 5 solid floors One renew, and one remove fair and refit.

№.5 solid floor. Renew.

Intercostals between №.5 and 6 solid floor One fair in place and one remove, fair and refit.

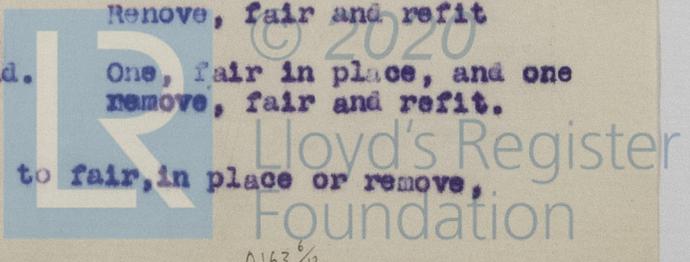
№.6 solid floor. Renew.

Intercostals between №.6 and 7 solid floors Remove, fair and refit

№.7 solid floor Remove, fair and refit

Intercostals between №.7 floor and tank end. One, fair in place, and one remove, fair and refit.

Frames and reverse frames on bracket floors to fair, in place or remove, fair and refit as may be necessary.



Frames and reverse frames on solid floors to fair in place or remove, fair and refit as may be necessary.

NO. 5 DOUBLE BOTTOM TANK, PORT.

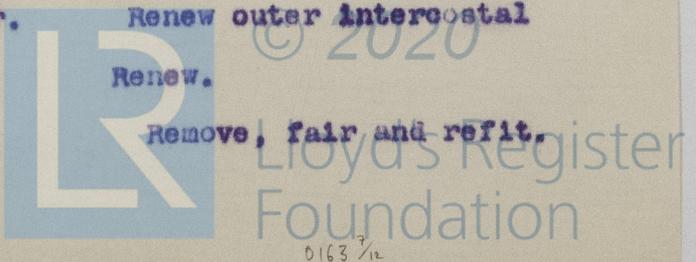
- Intercostals between for'd tank end and No. 1 solid floor. Renew.
- No. 1 solid floor Crop and renew inner portion.
- Intercostal between No. 1 and 2 solid floor. Renew.
- No. 2 solid floor. Renew.
- Intercostal and bracket between No. 2 and 3 solid floors. Renew intercostal and remove, fair and refit bracket
- Bracket floors between No. 2 and 3 solid floors. Remove, fair and refit.
- No. 3 solid floor. Renew.
- Intercostals between No. 3 and 4 solid floors Remove, fair and refit.
- Bracket floors between No. 3 and 4 solid floors. Remove, fair and refit.
- No. 4 solid floor Renew.
- Intercostals between No. 4 and 5 solid floors Remove, fair and refit.
- No. 5 solid floor. Remove, fair and refit.
- Intercostals between No. 5 and 6 solid floors. Remove, fair and refit.
- No. 6 solid floor Crop and renew inner portion.
- No. 8 solid floor Crop and renew inner portion.
- Bracket floors between No. 8 and 9 solid floors Renew inner brackets
- No. 9 solid floor Crop and renew inner portion.
- Bracket floors between No. 9 and 10 solid floors. Renew inner brackets.
- No. 10 solid floor. Crop and renew inner portion.

Frames and reverse frames on bracket floors to fair in place or remove, fair and refit as may be necessary.

Frames and reverse frames on solid floors to fair in place or remove, fair and refit as may be necessary.

DOUBLE BOTTOM TANK STRBD.

- Intercostal between For'd tank end and NO. 1 solid floor. Renew.
- No. 1 solid floor. Renew.
- Intercostal between No. 1 and 2 solid floor. Renew outer intercostal
- No. 2 solid floor. Renew.
- No. 3 solid floor. Remove, fair and refit.



Intercostals between N ^o .4 and 5 solid floors.	Remove, fair and refit
N ^o .5 solid floor.	Remove, fair and refit
N ^o .7 solid floor	Crop and remove, fair and refit, outer portion.
N ^o .9 solid floor	Remove, fair and refit
N ^o .10 solid floor.	Remove, fair and refit.

Frames and reverse frames on bracket floors to fair in place or remove fair and refit as may be necessary.

Frames and reverse frames on solid floor to fair in place or remove, fair and refit as may be necessary.

FOR'D PEAK TANK.

Frames	To be reinforced with reverse frames.
Upper side stringer	Renew Port and Strbd.
Reverse frames on floors	Renew.
Beam knees at crown of tank	Renew.
Breasthook	Renew.
Intercostal	Renew 3 forward intercostals.
Sounding pipe	Renew.
Tank suction valve and gearing	Overhaul.
Hand pump to Peak tank top.	Overhaul and make workable

Riveting throughout tank generally to overhaul.

After Peak

Upper side stringer	Fit face angles, and renew various rivets.
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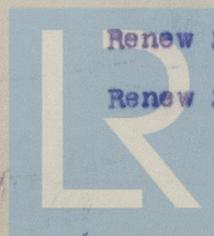
Riveting throughout tank generally to overhaul.

Upper deck

Forward well	Renew 3 deck plates just forward of bridge front, Port and Strbd.
After well	Renew 1 deck plate, just abaft bridge, and double adjoining plate, Port and Strbd.

BRIDGE SPACE BUNKERS PORT.

Deck plates	Renew 3 plates at aft end
Engine casing	Renew 3 coaming plates;
Bulkheads of coal chutes.	Renew 3 places.



Vent tube

Renew 3 tubes.

After coal hatch

Renew beam knee

BRIDGE SPACE BUNKER.

Deck plates.

Renew 3 plates at aft end.

Boiler casing

Coaming plate and corner plate to renew.

After coal hatch

Renew 3 beam knees.

LOWER BUNKER STRBD.

Tie plates.

4 to renew, at for'd end.

FOR'D HOLD.

After bulkhead.

Coaming plate to fit to height of door sill

Pillars.

4 solid pillars at aft end to remove, fair and refit. After built pillar side plates to renew and 3 bottom brackets with angles to renew. Centre built pillar top bracket remove, fair and refit and renew 4 bottom brackets with angles.

3 solid pillars at for'd end to remove, fair and refit. 3 bottom brackets to built pillar at for'd end end to renew with angles.

Remove, fair and refit

Renew Starbd. suction pipe.

Hold ladder

Bilge suction

Remove casings to sounding and air pipes for examination.

Overhaul riveting of beam knees, web frames etc.

Tank top plating to be removed, faired and refitted as necessary, where set up on Port and Starbd. sides. Plating to reexamine during repairs.

AFTER HOLD.

Tunnel recess top at for'd end.

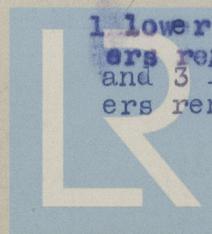
Electric weld fracture

Pillars.

3 solid pillars at for'd end remove, fair and refit. Three lower brackets to built pillar at for'd end renew with angles. Built pillar at Centre of Hold renew lower bracket with angles and connecting lugs.

for'd Bulkhead

1 lower bracket to stiffeners renew on Port. side. and 3 lower brackets to stiffeners renew on Strbd. Side.



After Peak Bulkhead

Renew coaming plate.

After tunnel recess

Renew vertical lugs of stiffeners and forward brackets on port side.

Large sounding pipes.

Renew lower portion Port and Starbd.

Large suction pipe

To renew Port side.

Riveting generally to overhaul.
Foot rungs to renew on tunnel sides at for'd and after ends of hold, Port and Starbd.

Pipe casings to remove for inspection and to refit on all pipes.

Steering engine drain pipe renew top half.

One tank top plate to renew at for'd end Port and Starbd.

One tank top plate, to renew at for'd end Port at tunnel side.

Tank top plating in way of repairs to be faired as may be necessary.

Line Room.

Lars.

Remove, fair and refit solid pillars and also pillar supporting telegraph.

Overhead deck plating on Starbd. side and one beam set up and same to be released as necessary and faired.

Tank top plating to be released and faired as necessary where set up

Lower Room.

Cement boxes to remove at for'd end Starbd. side for examination of tank top. Cement under boilers to remove to carry out repairs and tank top to examine and repair if necessary. Collision chocks of boilers to repair. Screen bulkhead at for'd and after end to renew.

Case casing top plating, to double at for end.

Steel excavat renew after half.

Vertical bar at mouth of funnel to rivet

Skylight glasses to renew.

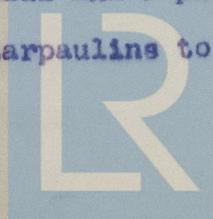
Scuttle glasses to overhaul throughout and renew as necessary.

Rails and stanchions throughout to overhaul and repair as necessary.

Cover, supports, cleats, battens and tarpaulins to overhaul and

or renew throughout.

Wires and chaincables to examine.



OCT 18 1937

Spare bower anchor to be made workable.

steering engine to examine and steering rods, chains sheaves etc. to examine.

steering chains to anneal.

Port bow check plate to crop and part renew and refit mooring pipe.

Mooring pipe on Strbd. bow chock rerivet.

New covers to supply to hawse pipes

Masts and riggings to examine, and wedges to remove.

Equipment of hawsers and warps to renew to Rule requirements.

Wood plugs and canvas covers to supply to all vent. coamings where not already fitted.

Plugs to supply to air pipes.

Windlass to overhaul.

Stern frame to test for alignment and heel portion of frame to renew, or repair as may be decided upon.

Double bottom and peak tank to test on completion of repairs to Rule Requirements.

Hold ceiling and limber boards to renew throughout.

Winch steam deck pipes anneal and test bends and renew all joint bolts.

All closing appliances on weather decks, casing top etc. to be overhauled and put in good condition in accordance with Freeboard Regulations.

Sidelights throughout to overhaul and repair as necessary.

Ship side discharges to overhaul.

Hand pumps to overhaul and test.

W.T. doors to overhaul and test.

Vessel to be carefully examined and "sighted" in Dry dock when repairs are put in hand, to insure that no undue strain has been occurred in any part of the structure.

All new and disturbed work to be recoated as required by Owners.

MACHINERY.

L.P. Crank- renew or remove and repair temporarily.

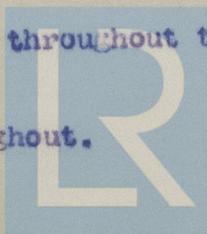
Crank shaft to be bedded and shafting lined up.

L.P. front column remove for examination of fractured foot.

Dynamo test in lathe for alignment of shaft and overhaul.

Switchboard and electric light installation throughout to overhaul and test.

Bridge-Engine Room telegraph overhaul throughout.



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Foundation

0163 1/2

OCT 18 1937

- Main and Auxiliary steam piping to anneal and test.
- Blow downs to renew, and vertical chest to be fitted.
- Connections to be made for the scum pipes.
- Bilge valve chest in way of H.P. column to be moved to Starbd. side of Engine Room and connected up.
- Gauge board in way of H.P. column to be moved to screen bulkhead in way of Starbd. Boiler.
- Starbd. Boiler in way of blow down valve chest to be electric welded.

(Signed) A.E.Scott, G.T.B.Scullard.

Surveyors to Lloyd's Register of Shipping.

12th. October 1937.

Fees. Esc:-1.320\$00

Late etc. fees 900\$00

Exp. Esc:- 20\$00

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This specification has been issued in Portuguese, also.



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0163 12

What neither certificate issued judgment del