

OCT 18 1937-

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

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



-2- OCT 18 1937

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

in way of above plates in "P" "Q" and "R" 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  
{knuckles.

Double Bottom Tank  
Port side

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

Double Bottom Tank-  
Port Side.

Intercoastal between forward Bulkhead  
No.1 solid floor.

Remove, fair and refit

Inter Brackets on Bracket Floors  
solid floor (from forward)

Remove, fair and refit.

Intercoastal between No.1 and 2  
solid floors.

Renew.

Inter Brackets on Bracket Floors.

Remove, fair and refit

No.2 solid floor

Renew.

Intercoastal plates between No. 2 and 3  
solid floors.

Renew.

Inter Bracket on Bracket Floors

Remove, fair and refit

No.3 solid floor

Crop and renew outer  
portion.

Intercoastal between No.3 and 4 solid Floors

Renew.

No.4 solid floor

Crop and remove, fair and  
refit outer portion.

Intercoastal plates between No. 4 and 5  
solid floor.

Remove, fair and refit

No.10 solid floor

Fair in place inner por-  
tion.

No.11 solid floor.

Remove, fair and refit

No.12 solid floor

Renew inner portion with  
stiffeners.

No.13 solid floor

Renew inner portion with  
stiffeners

No.14 solid floor

Renew complete with  
stiffeners.

after intercostals

Renew.

vertical centre keel plate

Renew after length.

bottom top plating in last bays.

Drill for gauging.



OCT 18 1927

-3-

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  
fit as necessary.

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

# DOUBLE BOTTOM TANK.

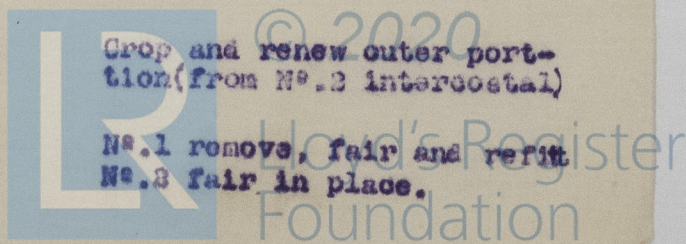
## Starbd.

at to vertical Centre Keel under pillar	To be refitted.
costal plates between for'd bulkhead and	Fair in place.
Solid floor.	Remove, fair and refit.
solid floor	Fair in place.
costal between No.1 and 2 solid floor.	Remove fair and refit
solid floor	Renew.
costal plate between No.2 and 3 floors	Renew outer brackets.
et floors between No. 2 and 3 solid	
s.	Renew.
solid floor	Renew outer brackets and
et floors between No.3 and 4 solid floors.	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	Renew.
d floor	
et floors between No.4 and 5	Renew outer brackets on
d floor.	for'd floor and remove,
	fair and refit brackets
	on after floor.
costal plate between No.6 and 7	Remove, fair and refit
d floors.	
solid floor	Fair in place.
costal between No.7 and 8	Remove, fair and refit
d floor.	
ket floors between No.7 and 8 solid	Remove, fair and refit
re	outer brackets of both
	floors.
d solid floor.	Renew.
costal plate between No. 8 and 9	Renew.
d floor	
ket floors between No.8 and 9	Remove, fair and refit
d floors.	outer brackets of both
	floors.
d 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.
costal between No.10 and 11 floors.	Renew.
solid floor.	Renew.
costal between No.11 and 12 floors.	Renew.
solid floor	Renew.
solid floor	Renew.
costal between No. 13 and 14 floor	Renew.
solid floor.	Renew.
costal 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.	
<u>WHL BOTTOM TANK PORT.</u>	
costal between forward tank and solid floor.	Renew.
solid floor.	Remove, fair and refit.
costals between No.1 and 2 solid	Renew.
solid floor.	Renew.
costals between No.2 and 3 solid floors	Remove, fair and refit.
solid floor	Renew.
costals between No.3 and 4 solid floor	Remove, fair and refit
at floors between No.3 and 4 solid floors	Renew outer portion.
solid floor.	Renew.
costals between No.4 and 5 solid floors.	Remove, fair and refit.
solid floor.	Strip and renew outer portion (from No.3 intercostal)
costals between No.5 and 6 solid	Remove, fair and refit.
solid floor.	Strip and renew outer portion (from No.3 intercostal)
costals between No.6 floor and after end.	No.1 remove, fair and refit No.2 fair in place.





OCT 18 1937 -5-

**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. 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.

Nº.4 solid floor.

Renew.

Intercostals between Nº. 4 and 5 solid floor.

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.

Remove, fair and refit

Intercostals between Nº.6 and 7 solid floors

Remove, fair and refit.

Nº.7 solid floor

Fair in place.

Intercostals between Nº.7 floor and tank end  
Tank end.

Fair in place.

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.

#### Nº.4 DOUBLE BOTTOM TANK, STARBE.

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

Renew.

Nº.1 solid floor.

Intercostals between Nº.1 and 2 solid floors.

Renew.

Nº.2 solid floor

Renew.

Renew.

Intercostals between Nº.2 and 3 solid floor.

Nº.3 solid floor

Renew.

Intercostals between Nº. 3 and 4 solid floors.

Renew.

Nº.4 solid floor

Renew.

Intercostals between Nº.4 and 5 solid floors

One renew, and one remove fair and refit.

Nº.5 solid floor.

Renew.

Intercostals between Nº.5 and 6 solid floor

One fair in place and one remove, fair and refit.

Nº.6 solid floor.

Renew.

Intercostals between Nº.6 and 7 solid floors

Remove, fair and refit

Nº.7 solid floor

Remove, fair and refit

Intercostals between Nº.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.



OCT 18 1927-7

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.7 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. STBD.

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<sup>o</sup>.4 and 5 solid floors.

Remove, fair and refit

N<sup>o</sup>.5 solid floor.

Remove, fair and refit

N<sup>o</sup>.7 solid floor

Crop and remove, fair and refit, outer portion.

N<sup>o</sup>.9 solid floor

Remove, fair and refit

N<sup>o</sup>.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.

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

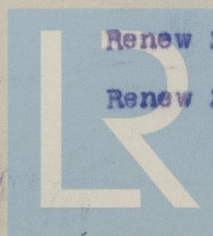
Renew 3 plates at aft end

Engine casing

Renew 2 coaming plates;

Bulkheads of coal chutes.

Renew 2 places.



Lloyd's Register  
Foundation



Vent tube

Renew 2 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 2 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.

2 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.

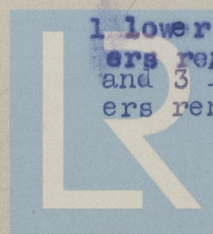
Electric weld fracture

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.



Lloyd's Register  
Foundation



OCT 18 1937

-10-

After Peak Bulkhead

After tunnel recess

Large sounding pipes.

Large suction pipe

Renew coaming plate.

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

Renew lower portion Port and Starbd.

To renew Port side.

Riveting generally to overhaul.  
Foot rungs to renew on tunnel sides at forward 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 forward end Port and Starbd.

One tank top plate, to renew at forward end Port at tunnel side.

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

#### Engine Room.

Columns.

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

#### Boiler Room.

Cement boxes to remove at forward 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 forward end and after end to renew.

Boiler casing top plating, to double at forward end.

Boiler exhaust renew after half.

Horizontal bar at mouth of funnel to rivet

Boiler skylight glasses to renew.

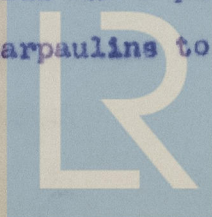
Boiler scuttle glasses to overhaul throughout and renew as necessary.

Boiler rails and stanchions throughout to overhaul and repair as necessary.

Boiler cover, supports, cleats, battens and tarpaulins to overhaul and

Boiler or renew throughout.

Boiler rods and chain cables to examine.



© 2020

Lloyd's Register  
Foundation

0163 19 12



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.

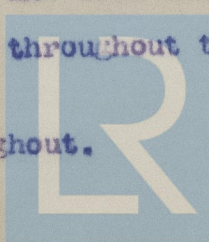
Crank shaft to be bedded and shafting lined up.

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.



© 2020

Lloyd's Register  
Foundation

0163 712



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

J

This specification has been issued in Portuguese, also.



© 2020

Lloyd's Register  
Foundation