

M.S. "ANTONIO ZOTTI".

Cantieri Riuniti dell'Adriatico Yard No.1329.

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NOTE OF PARTICULARS OF BOMB DAMAGE.

Damage stated to have been sustained through bombing on the 25.5.1944 while fitting out afloat at the Builders Yard at Monfalcone.

The vessel was damaged forward in way of No.6 wing tank port side and No.6 centre tank, and aft in way of motorspace. The repairs to the structure were partly effected while the vessel was afloat at Monfalcone and completed in drydock at Venice.

REPAIRS EFFECTED.

1) Damage forward.

SHELL: Renewed:

Keel plates K 10 & K 11

Port: A 11, B 9 & 10, C 11 & 12, D 7 & 8, E 13 & 14,  
H 13, J 12

Starb: A 11, B 9 & 10, C 11 & 12, D 7 & 8

Removed, faired & refitted.

Port: F 11, G 12.

Faired in place.

Port: A 10, H 12

Starb: A 12, B 8, C 10.

FRAMING: 11 frames port side in way of No.6 wing tank renewed.

Lower & upper shell side girders renewed.

7 bottom longitudinals renewed.

2 bottom transverses and 4 horizontal struts in wing tanks, port side, in way of transverses renewed.

2 upper deck transverses removed, faired and replaced.

2 bottom transverses in centre tank No.6 port side renewed.

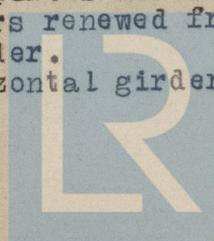
centre girder in way of No.6 centre tank renewed.

LONGITUDINAL BULKHEAD: Port side:

5 vertical bulkhead plates renewed.

10 bulkhead stiffeners renewed from bottom up to upper horizontal girder.

Upper and lower horizontal girder renewed.



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BULKHEAD 114 in wing tank, port:

- 2 bulkhead plates lower part renewed.
- 5 bulkhead stiffeners renewed from bottom to lower stringer.
- Lower & upper horizontal girder faired in place.
- Bulkhead plating faired in place.

BULKHEAD 126

- 3 bulkhead plates renewed and 3 removed, faired & replaced in way of wing tank port,
- 2 plates faired in place in way of centre tank.
- Lower & upper horizontal girder renewed.
- 3 bulkhead stiffeners renewed from bottom to upper horizontal girder and
- 2 stiffeners renewed from upper horizontal girder to upper deck.

UPPER DECK. Port side.

- 1 stringer plate & 1 plate in line with hatch openings renewed; 1 stringer plate & 1 plate in line with hatch openings faired in place.
- 4 longitudinal beams renewed.

2) Damage aft.

SHELL: Renewed:

Port: Poop sheerstrake M 5, poop side plates L 4 & 5 partly renewed in one plate.  
Starboard: C 4 & 5, D 1 (dead strake) H 5 partly, I 5, L 5 (poop side plates), M 5 & 6 (poop sheerstrake),  
Removed, faired & replaced.

Port: F 3, G 4

Stbd: E 5, G 5, I 6 & L 6 (bulwark)

Faired in place:

Port: Poop-sheerstrake M 4

Stbd: B 2 & 3, C 2, E 7, F 3 & 4, I 4, M 4

FRAMING. Renewed.

Port: 2 tweendeck frames.

Stbd: 11 frames from 2nd deck up to poop deck,  
6 frames from double bottom up to 2nd deck.

1 web frame from double bottom up to poop deck.

Removed, faired and replaced.

Port: 1 web frame from double bottom up to poop deck.

DOUBLE BOTTOM. Centre girder faired in place.

7 floors port and 4 floors starboard faired in place.  
Side girders in line with crank pit sides partly renewed and partly faired in place at after end.  
Tank top: centre strake in crank pit renewed.

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Port: 2 tank top plates renewed,  
2 tank top plates removed, faired & replaced and  
6 tank top plates faired in place.

Stbd: 1 tank top plate renewed.

FORWARD ENGINE ROOM BULKHEAD.

~~Lower strake renewed,~~  
Stiffeners faired in place.  
Engine room built up pillars, port and starboard, renewed  
from bottom up to poop deck, included webs & string beam.

DECKS & FLAT.

~~Flat of boiler space.~~ 1 plate renewed and 2 deck plates  
faired in place. 3 beams faired in place.

Second deck. Port: Deck plating & beams faired in place.

Stbd: 3 deck plates renewed,

3 deck plates removed, faired and replaced.

Beams removed, faired & replaced, some faired in place.

Coaming of deck opening starboard renewed, port  
removed, faired & replaced.

Upper deck. (in way of poop).

Port: 1 stringer plate renewed, 3 stringer plates faired  
in place,

2 deck plates renewed & 4 deck plates faired in place.

Stbd: 1 stringer plate removed, faired & replaced and

3 stringer plates faired in place.

10 deck plates removed, faired & replaced.

Some beams renewed, part removed, faired & replaced and  
part faired in place.

POOP DECK.

Port: 4 stringer plates removed, faired & replaced and  
2 faired in place.

2 deck plates renewed, faired & replaced.

Stbd: 4 stringer plates renewed.

11 deck plates renewed and 1 deck plate removed,  
faired and replaced.

Some beams renewed, but the major part were removed, faired  
and replaced.

BOAT DECK. completely renewed.

ENGINE ROOM CASING: Plating and stiffeners renewed, other  
bulkhead plates and stiffeners renewed or removed, faired  
and replaced.

OIL FUEL BUNKERS:

Starboard: 4 bulkhead plates renewed,  
2 removed, faired & replaced and some faired  
in place. 7 bulkhead stiffeners partly

*renewed*; some removed, faired & replaced.

The quality of the workmanship is good. The materials employed were tested by the Society's Surveyors. The electric welding was carried out by experienced operators and the electrodes used were the "Perfecta", which have been tested by the Society's Surveyors and approved by the Committee as per Secretary's letter M dated 8.11.1946

Upon completion of repairs the cargo tanks, double bottom tanks, oil fuel bunkers, shell, bulkheads and deck were tested as required by the Rules with satisfactory results.

A sketch showing the repairs to shell is enclosed herewith.

*Lee*



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