



LLOYD'S REGISTER OF SHIPPING

PORT Boston, Massachusetts

March 10, 1931

D. R. No. 602

THIS IS TO CERTIFY THAT

B. Stewart Murphy

the undersigned Surveyor to this Society did at the request of The Master, proceed on board the S. S. "Elsa Menzell" of Hamburg, No. 70074 in the Register Book, on March 9, 1931 and on subsequent date, while lying afloat at the wharf of the Mystic Iron Works, Everett, in order to ascertain the nature and extent of damage stated to have been sustained by encountering ice on January 7, 1931, while on a passage from Odessa to Nicolaieff in ballast; and by encountering heavy weather while on a passage from Nicolaieff to Boston via Oron for bunkers on February 13th, 14th, 15th, 19th, 20th, 22nd, 23rd, 24th, 25th, 27th, 28th, March 1st, 3rd and 4th, 1931, with a cargo of iron ore.

For full particulars please see Log Books and Protest.

ICE DAMAGE JANUARY 7, 1931:

FOUND:

Copper expansion exhaust pipe between H. P. and L. P. astern turbines which had broken and had been repaired at Nicolaieff, will be renewed on the vessel's return to Hamburg.



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One length of overboard discharge pipe from main condenser had broken and had been repaired at Oran, will be repaired or renewed at New York.

Double bottom tanks Nos. 1, 2 and 6 reported to be leaking.

The tanks were examined internally and found to be undamaged.

WEATHER, FEBRUARY 13th TO MARCH 4th, 1931:

The following repairs to be carried out at New York:

RECOMMENDED:

D:

CASTLE DECK:

For windlass guards damaged.

To be repaired and refastened.

For pipe covers damaged.

To be straightened and repaired.

For steam pipe cover and chairs damaged.

To be repaired and refastened.

WARD DECK:

For bay, starboard rail, two bays rail and one stanchion damaged.

Rail to be repaired and one stanchion renewed.

For tarpaulins torn.

To be renewed.

For bolt for deck steam pipe chair, ward bridge bulkhead, broken.

To be renewed and casing refastened.

For board derrick chair broken.

To be repaired.

For deck pipe and two valves damaged, and partly missing.

To be renewed.

For hatch bars bent.

To be straightened and repaired.

WARD HOLD, PORT SIDE:

For shell rivet in middle bracket in after bulkhead leaking.

To be renewed and adjoining rivets to be caulked or renewed.

WARD BRIDGE DECK:

For stanchion sockets started deck. One length of spreader damaged.

Stanchion to be refastened and spreader renewed.



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FOUND:

Port ladder hand rail damaged.  
 Flood deck leaking in way of store-room.

MAIN DECK FORWARD NO. 3 HATCH  
 IN WAY OF OFFICER'S MESS ROOM:

STRAKE, PORT AND STARBOARD SIDE:

Deck plates fractured.

Officer's bath room steel door and frames buckled.

DECK:

Flash deck line in way of No. 5 hatch damaged.

Two life rings with hand lines missing.

Four ventilator covers torn.

NO. 6 HOLD, PORT SIDE:

Third frame space forward of deep bracket, seam rivets leaking.

BOAT DECK:

PORT LIFE BOAT:

Five strakes of hull planking, shafing strips and beading broken.

Half broken.

Frames in way broken.

Stern post split, and iron work in way started.

Seams leaking.

Flood covers broken.

RECOMMENDED:

To be repaired and refastened.

To be searched and caulked and made tight.

Lithosilo to be removed and plates exposed for further examination at New York.

To be faired and lock repaired.

To be repaired and partly renewed.

To be renewed.

To be renewed.

To be cut out and renewed, and seam caulked.

To be renewed.

To be renewed.

To be renewed.

Stern post to be renewed and iron work refitted.

Fastenings to be overhauled and hardened up.

Air tanks in way of damage to be removed, tested, repaired and refitted.

To be repaired and partly renewed.



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## UND:

ocks damaged.

at gripes damaged.

ope falls cut to secure boat.

at deck planking on port and  
Harboard sides together with  
ading broken and started.

ve ventilators on port side  
maged.

ve ventilators on starboard  
side started.

ter rail on port side bent  
started.

ENGINEER'S ROOM, PORT SIDE:

rward bulkhead plating and  
owiffeners set in.

lded butt started.

ck angle bent.

od sheathing, bunk, wardrobe  
and other fittings damaged and  
broken.

port light frames on forward  
bulkhead damaged.

eviling and lithosilo covering in  
chief engineer's quarters started  
d damaged by water.

lkhead plate adjacent to port  
alley door set in.

ven port light glasses in way of  
commodations broken.

rt galley door and frame buckled.

esh water suction pipe, forward  
d of midship house, starboard  
broken.

## RECOMMENDED:

To be partly renewed and refastened.

To be repaired.

To be renewed.

To be renewed to a suitable shift of  
butts where broken, refastened and  
caulked.  
Beams to be faired in way.

To be repaired and rejointed.

To be rejointed to deck.

To be repaired and refastened.

To be removed, faired and refitted.

To be veed out and welded.

To be faired in place and reriveted.

To be repaired and partly renewed.

To be removed, straightened and  
refitted and one glass and one frame  
to be renewed.

To be lifted, deck cleaned off,  
tiling refitted or renewed and  
lithosilo covering renewed.  
Chief engineer's room to be recoated  
and finished as before.

To be faired in place.

To be renewed.

To be faired and repaired.

To be renewed.



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## RECOMMENDED:

Electric light wiring and pipes in accommodations damaged by water.	System to be tested, and damaged fittings and wiring renewed or repaired as directed.
and filter tank in engine room leaking.	To be repaired by welding and made tight.
Lead bend suction pipe in No. 1 hold.	To be renewed.
Cast iron bilge suction in No. 2 hold.	To be renewed.
Port and starboard bilge suction pipes in No. 2 hold.	These pipes have been renewed at Boston.
Bilge suction pipe broken in No. 2 hold.	To be renewed.
Water tank suction pipes in No. 2 hold broken.	To be renewed.

The following repairs will be carried out at Hamburg:

Wire reel on forecastle deck damaged.	To be repaired.
No. 1 winch throttle valve damaged away and has been repaired by the crew.	
No. 2 winch brake band damaged and has been renewed by the crew.	
Canvas dodger on lower bridge damaged and torn.	To be renewed.

## BRIDGE HOUSE:

Lead sheathing in accommodations damaged in several places by crew for rainage and for examina- tion for leakage.	To be repaired and recoated.
Galvanized steel covering in rooms and alleyways started and broken down.	To be lifted, deck cleaned and covering renewed.



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UND:

RECOMMENDED:

ISTENT ENGINEER'S ROOM,  
ARBOARD SIDE:

ward bulkhead plating set in  
wood sheathing started.

ash chutes damaged.

ping and valves for distilling  
paratus on boat deck damaged.

lley coal box cover damaged.

all steam boiler in galley  
amaged.

Plating to be released, faired in  
place and reriveted. Wood sheathing  
to be removed and partly renewed.

To be renewed.

To be repaired and partly renewed.

To be straightened and repaired.

To be repaired.

Disturbed work to be recoated as before.

*Robert L. Humphreys*



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