

# REPORT of SURVEY for REPAIRS, &c.

Writing Report... When handed in at Local Office... Port of LIVERPOOL

Survey held at Birkenhead Date, First Survey 1/2/38 Last Survey 4/2/1938  
(No. of Visits 4)

Book No. 435 on the Wood, Iron or Steel CLAN MACKENZIE

TONNAGE - Gross 6554 Net 4120 Built at Newcastle By whom Northumbrian Iron Works Ltd When 1917 MONTH 6

Owners The Clan Line Steamers Ltd Owners' Address Glasgow  
Managers Clyde & Co Ltd Port belonging to Glasgow

Surveyed Afloat or in Dry Dock? Surf Name of Dock Birkenhead Destined Voyage to Glasgow

Classification: B=Cell DBorDBa feet; uE&B feet; f feet; al capacity tons. FPT tons; APT tons; MT feet tons.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER, Date of last Survey and of Periodical Surveys.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ 10000 Shell Plating</u>	<u>+ 2000</u>
<u>With Freshwood 10-37</u>	<u>400 9-34</u>
<u>05. 025 N: 3 12. 29</u>	<u>05 12-36</u>
<u>05 025 N: 1. 34</u>	<u>245 8-18</u>
	<u>7500 9-37</u>

Damage cases where the Surveyor has not made a special damage report he is required to state whether he rendered his services for this purpose and to whom and why they were declined

Was a damage report made by anyone else? If so, by whom? Yes

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage stated to have been caused by collision with the S.B MANCHESTER REGIMENT in the River Mersey on 8/10/37. The vessel having to be heaved to avoid striking and before being salvaged all cargo was removed and the vessel eventually dry docked.

At the request of the Clan Line representative a survey was held in dry dock. With a view to ascertaining extent of temporary repairs to enable the vessel to proceed to a West Coast Port where repairs might be carried out. Found: A few minor indentations in bottom plating Port & Starboard Shell plating in way of Engine & Boiler space Port side.

DESCRIPTION OF DAMAGE REPAIRS:-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:-
Renewed								
Removed and Fair'd or Repaired								
Fair'd or Repaired in place								

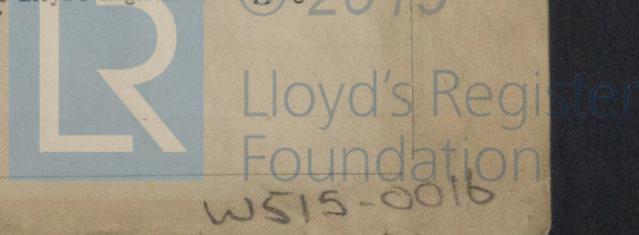
GENERAL CONDITION OF THE VESSEL	State if Tanks have been examined inside	Air and Sounding Pipes	Copper, or Y.M. of Wood Vessels (State if on Felt.) When put on, Month Year
Decks	State if Tanks now tested	Dblg. Plates under Sounding Pipes	Boats
Bulkheads	Bulkheads	Engine Room Skylights	Masts, Yards, &c.
Fastenings	Ceiling	Coal Bunkers, Open'gs, Lids, &c.	Condition, how ascertained (State if wedges removed)
Plating	Cement or Asphalt (State which)	Oil Bunkers	Sails
in way of sidelights	Rudder	Scuppers	Equipment letter <u>at 1</u>
Steering gear and its connections	Steering gear and its connections	Cargo Hatchways	Anchors, No. of
Windlass	Windlass	Fastenings	Chain Locker
Have pumps now been examined and found efficient?	Have pumps now been examined and found efficient?	Planking of Wood Vessels	Cables (State if now ranged)
Have Sluice Valves now been examined and found efficient?	Have Sluice Valves now been examined and found efficient?	Caulking	length mean diam. (on board)
Have Watertight Doors now been examined and found efficient?	Have Watertight Doors now been examined and found efficient?	Treenails	Rule length size
Have Ventilators and their Coamings been examined and found efficient?	Have Ventilators and their Coamings been examined and found efficient?	Breasthooks & Stems	Hawser & Warps
		Transoms Pointers, & Crutches	Standing and Running Rigging
		Timbers of Frame at openings	
		Ditto Ditto at other places	
		Stringers, Clamps & Shefts	
		Salting (State if examined.)	

General Observations, Opinion as to Class, Recommendation, &c.:- State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:— "to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1.24," or "to remain as classed and to have record of survey, 1.24, and the notations of ss No. 1-24." The vessel is now being broken up. It is recommended that her class be now withdrawn.

Fee (per Section 29) £... Damage or Repair Fee (if any) £... Surveyor's Fee (if any) £... Received by me, J. M. Scully Surveyor to Lloyd's Register of Shipping.

Transmitted to London. LIVERPOOL -5 APR 1938 Lloyd's Register Foundation W515-0016

DAMAGED BY COLLISION & STRANDING 10.37 To BE BROKEN UP



Port of LIVERPOOL

CLAN MACKENZIE

Extending from Bilge to Shell Deck also Badly set in  
Frames, Beams, Beam knees & stringers also damaged  
The Decks extensively damaged.

Engine Casings " "

Deck houses " "

About 1200 Tons of sand in the holds.

All Deck fittings missing or badly damaged

Hatch Beams, Covers, Tapered in etc missing

To enable the vessel to proceed to a West Coast Port under

Tow. The following recommendations were made.

All defective shell rivets to be made good by Hand hammering up  
or by Electric Welding

2 shell plates fractured to be doubled by welded doubler.

All Hatches to be put in good condition

As the vessel would have no steam suitable pumps to be

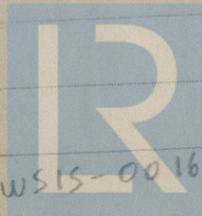
supplied to all holds & engine & boiler spaces.

Holes in Decks & Casings where cut away to be adequately  
closed in.

Only the work recommended to the shell was carried out  
to enable the vessel to remain afloat.

The vessel has now been sold to a shipbreaking firm  
at Troon. To which port the vessel is now proceeding.

Smith



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