

11 JAN 1946

DUBLIN.

9TH JANUARY, 1946.

R. B. GRIER.

The owners' Representative survey the steamer "GLENMULLEN" 448 tons gross of Dublin in order to ascertain the nature and extent of damage alleged to have been sustained through striking rocks at Portencrossie, Mull of Galloway on 11TH AUGUST 1945 whilst on a voyage from Dublin to Maryport via Belfast.

For further particulars please see log books. On the 24th August 1945 and subsequent dates visited this vessel whilst on No 2 Surveying Alexander Blain, Dublin, and on examination found and recommended as follows.

FOUND.

RECOMMENDED

Sheets missing: A in Garboard numbers count from aft end up.

Starts and ends:

A 7.8.9. 8.9. 9.
B 7.9. 7.7. 7.8.9. 8 6.7.8.9.
indented - see up.

To be renewed.



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FOUND.

A 5° 6. B 3° 4. 5° 6. 8. C 6.
20° up and indented.

A 2. 3. Landing scored
locally.

B. D. C. 5. indented

Port Side.

A 7. 8. 9. 10. B 11. C 9. D 6.
8. 9. 20° up & indented

A 4. 5° 6. B 5° 6. 7. 8. C 5° 6
7. 8. 20° up.

D 9. D 5. 7. indented.

Keel Bar from floor 25°
to 4 feet change mark
at stem bent & bruised.

Bilge keels stand. side
bent full length.
Tee bar one length cracked.
Port side. bent full
length 16 ft Tee bar bent.

Hold.

Centre keelbar set up
full length of hold.

Side keels Port and
Starboard set up.

RECOMMENDED.

To be removed fairied and
refitted.

To be built up by electric
welding.

To be fairied in place.

To be removed.

To be removed fairied
and refitted.

To be released and
fairied in place.

To be removed fairied
and refitted when required
built up by electric welding.

To be removed fairied
and refitted.

To be removed.

To be removed fairied
and refitted.

To be removed fairied
and refitted. Rider plate
to be renewed top &
bottom angles with
intercostals to be removed
fairied and refitted.

To be removed fairied
and refitted.

Pipe casing at stern
and sides to be
removed & refitted



Fouling

Keeling loose and part
broken.

Bulkhead fore end of
held 5° keelson brackets
loose.

Held pillars 2 channel
with bracket^s connections
and 2 round pillars
loose.

under deck runner angle
loose.

Channel ladder loose.

Expansion stripes upper
deck with 6 beams re-
up.

Frames.

Port side, 55° 6' 63 buckled.
57 web. plate "

52 5' 7. re-up.

31 6' 51. 53 6' 56.
58 6' 61. re-up.

Starboard side.

48 6' 52 and 55°
buckled.

50 web. loose.

31 6' 44. 53 6' 44.
56 6' 61. loose

RECOMMENDED

To be removed and refitted
with part^s new material.

Bulkhead held remove
for access and refit with
part^s new material.

To be renewed.

To be removed fair'd
and refitted.

To be removed fair'd
and refitted.

with heel connection;
to be removed fair'd
and refitted.

To be removed fair'd
and refitted. Deck
plating in way to
be released and fair'd
in place.

To be renewed.

To be cropped to good
material and renewed.

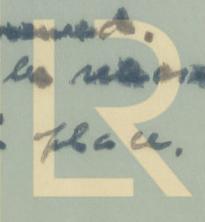
To be removed fair'd
and refitted.

To be released and
fair'd in place.

To be cut back and part
renewed.

To be cropped and part
renewed.

To be renewed and fair'd
in place.



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FOUNDRECOMMENDED.FLOOR, PORT & STBBOARD.

44, 45, 48, 49, 50 & 56

buckled & fractured.

31 to 43, 46, 47, 50, 57

& 61, bent.

Reverse frames on floor

fractured, 52 to 56, 41, 44,

46, 48, 49.

3 to 40, 42, 43, 51, 57, 58

bent.

Cement checks broken.

Fair lead Port bow

3 rollers broken.

Fus castle rail and
stanchions bent.

Fus castle deck started.

Bridge front bulkhead
lower section set in
and fractured.

Bridge deck started.

Rear galley bridge house
framing and sheeting
started. Deck started.
Door jambed.

Admiral's accommodation

port side of saloon master

chief officers rooms

Started & broken in

To be renewed.

To be removed fairlead
and refitted.

To be renewed.

To be removed fairlead
and refitted.

To be renewed.

To be renewed.

To be fairlead in
place.

To be caulked and
payed.

To be caulked and
payed.

To be caulked and
payed.

To be refitted. Dens
to be fairlead and
deck caulked and
payed.

Steering engine to be
lifted and repositioned
to the deck.

To be dismantled and
refitted with part new
fittings and paneling.
Mirrors to be renewed.



FOUND.

RECOMMENDED.

To be renewed.

To be caulked and
planed.

To be replaced
with new boat
missing equipment
to be replaced.
Chocks to be partly
renewed.

Sides to be repaired.

To be replaced.

Hawser reel damaged.

Anchor stated lost.

All removals necessary in order to carry out
the above recommendations to be afterwards
replaced and made good with part-new
material if necessary and all damaged
cement and paintwork to be made good
as required. Any further damage that may
be disclosed in executing the repairs now
enumerated to be made good as expedient.

The vessel to be restored (as far as practicable)



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to the same condition as before the
alleged casualty occurred.

<u>SIMILARITY.</u>	<u>FOUND</u>	<u>RECOMMENDED.</u>
	Brew shape liner scored.	To be placed in lathe liner skinned neck and grand bushes to be renewed.
	Steel back lignum vitae worn.	To be rewooded (lower half).
	H.P. connecting rod bottom end scored and worn.	To be remtalled.
	Feed pump wear water end liner scored. steam cylinder scored valve gear worn worn.	Main bearings H.P. and L.P. bottom end bearings also thrust shoes to be dressed. Thrust shape coupling to be faced in lathe and bolts renewed.
	Auxiliary & Ballast pump water end rings broken & worn.	Water end liner to be renewed bracket rings renew. bore cylinder piston & rings to be renewed. valve gear pins and bushes to be renewed.
		To be renewed.



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FOUND.

RECOMMENDED.

Change each on pump-pij
arrangement makes
large lines fastenings
broken.

To be renewed.

Blow down valve on
shell leaking.

To be repaired.

Windlass. Rose & Stand.
Gypsy bushes scared.
Portion red Rose scared
" rings worn.

To be renewed.

Steering engine Rose & Stand.
Tension valves worn.
Tiller rods neck and
gland bushes worn.
Port top end pin and
bush worn loose
Shaft bearings worn.

To be renewed.

Pawling engine cylinders
fractured between ports
Captain engine cylinders
fractured.

To be renewed

To be renewed.

To be renewed.

R. B. Green

Surveyor to Lloyd's Register of Shipping.



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