

Ship's Name SS/MS "CLUTHA RIVER".

Port FALMOUTH.

Rpt. No. 14896.

DAMAGE REPAIRS. Intermediate shaft removed to workshop, coupling face and side skimmed and steel ring shrunk on coupling flange (approximately 4" x 2" thick) and proved good.

Spare previously used screwshaft removed to workshop, its G.M. liner and flange faces skimmed in lathe, magnafluxed and noted several hairline fractures on driving side of keyway about 1 $\frac{1}{2}$ " from edge of G.M. liner on large diameter of shaft cone. Shaft cone ground in way of apparent fractures, again magnafluxed several times when it was found defects had disappeared and the shaft, therefore, considered good.

(Please note this previously used screwshaft had been rejected in 4,65, reference Cardiff Surveyor's Report 62659 and from our examination at this time it appears that the apparent hairline fractures were surface defects only).

Screwshaft/intermediate shaft coupling reamed out, new bolts fitted (oversize) and spare set of new coupling bolts supplied.

The Sternbush rewooded, propeller tried on shaft without and with key, proved good, wedged on and secured. The shafting alignment checked and proved good on completion.

The screwshaft now fitted (no identification marks found whatsoever) now stamped EH. FAL. 10.7.66.

E. H. F. 10.7.66



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