

"EMPIRE TAPLEY" and "EMPIRE CRICKETER" built by  
Messrs. Pimblott.

Size of Steering Gear Chain  
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These vessels being Tankers, the rule diameter of the rudderhead would be  $3\frac{7}{8}$ " plus 10% =  $4\frac{1}{4}$ ". The actual size fitted, however, is  $4\frac{1}{2}$ ".

The rule diameter of steering gear chain for a tanker, being determined by the rudderhead without the tanker increase, the diameter in this case would be  $19/32$ ", in association with a rule tiller 3ft.3" long.

As the actual tiller is only 3ft. the strength of the chain requires to be increased proportionately, which brings the required diameter to  $\frac{5}{8}$ ". As  $\frac{5}{8}$ " is stated to be fitted, this can be approved.

It is submitted the Reports Department be informed as above.

CHM

W.J.

29th March, 1945.

WBS

Mr. Millar informed per telephone 29.3.45

Mr. Gordon advised by telephone  
as instructed by Mr. Shephard  
29.3.45



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