

"W.D. ATLAS"

IT IS SUBMITTED the cable of 7.4.66 be confirmed in writing and the Surveyors be informed as follows:-

The Rule diameter for the rudder stock, using the proposed rudder area, is $4\frac{1}{2}$ " and this diameter should be maintained also in way of the steering gear. It is true that damage, so far, has only been experienced throughout the lower section towards the palm, but with the proposed increase of diameter to $4\frac{3}{4}$ ", the diameter in way of the steering gear, if left at $4\frac{1}{2}$ ", as suggested, would become the weakest part of the stock and it is considered that twisting of the stock may then well occur at this point.

It should be further pointed out that with a Rule diameter of rudder stock of $4\frac{1}{2}$ ", the diameter of the rudder ~~stock~~ ^{axle} should be $6\frac{1}{2}$ ". It is noted that no increase of the axle diameter is contemplated and under the circumstances it is recommended to limit the helm angle to 25° for the passage Whyalla - Sydney. The position can be reviewed after examination of the rudder axle on arrival at Sydney.

W.D.

X.

7th April, 1966.

Ltr: 28. 3.66
Ans: 5. 5.66
plans returned.



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