

s.s. "ALKAID" and ALBIREO".

Proposed balanced reaction rudder submitted by the
Balanced Reaction Rudder Co. Ltd.

It is submitted the Designers be informed that, as
pointed out to their Representative when discussing the case
in this Office, the proposal differs in certain important
respects from that approved for the s.s. "HANS ARP" referred to
by them.

They should also be informed that in the present case
only about $1\frac{1}{8}$ " of solid gudgeon material will remain around
the bottom pintle, and the strength of the stern frame in way
of the upper pintle will be seriously impaired by the proposed
cutting away at the upper arm and by the riveting which would
be required to secure the new gudgeon. Further, the thickness
of the upper arm around the pintle is only $2\frac{5}{8}$ " instead of $3-3/16$ "
as would be required by the Rules.

In these circumstances it is regretted the proposal
cannot be approved.

*Mr: 29.9.31
Ans: 1.10.31
2 plans.*

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1.10.31.



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