

T.2 TANKER

"TECTUS"

The Cardiff Surveyors have forwarded information regarding the thickness of the shell, deck, longitudinal members and bulkheads of this ship as determined by drilling. From the drilling it appears that the main structure had deteriorated to the extent of reducing the strength at the deck by 6% and that at the bottom by 7%. It is therefore considered that reinforcement should be fitted to this ship, and it should take the following form:-

- a. The I sections fitted below the upper deck should be connected to the deck throughout by $\frac{1}{2}$ " intercostal plates.
- b. The bottom shell should be reinforced by a doubling plate 72" x .75"; preferably this doubling plate should be fitted in two sections, one section on C strake and one on B strake, each section being 36" broad.

The above reinforcement should extend from ~~about~~ Nos. 3 to 9 cargo tanks.

IT IS SUBMITTED the Surveyors be informed.

J.M. *T*

1st July, 1952.

tr. dated 24/6/52.
ns. 2/7/52.

Mr. Shephard *KS*