

"VIGILANT" ex "Vardefjell"

465 x 60.75 x 34.

This transversely framed tanker, built in 1940, broke in two in heavy weather in 1943. In the light of experience with other vessels of the class it appears that the loading of the ship was an important factor in the casualty.

The after part of the ship was salvaged, and the forward portion from about amidships renewed. The following increases were made to the scantlings of the new portion:

Sheerstrake:	plus .07"
Stringer:	" .10"
Keel:	" .06"
B strake:	" .07"
Bilge strake:	" .07"

It appears too, that the stringer plate and bilge strake were renewed for some distance aft of the point of fracture.

Bearing in mind these increases, therefore, it is considered that while the strengthening required will depend on the state of the structure as revealed by examination, it is probable that this strengthening will be less than in other vessels of the class. Irrespective of the state of the structure, however, it is considered that it would be prudent to fit an intercostal girder *to the new* about 9 ft. from the centreline, port and starboard, extending throughout Nos. 1 to 8 tanks.

It is submitted the Oslo Surveyors be informed accordingly.

W. [Signature]
6th October, 1952

Before this information is given to previous Owners the consent of present ~~owner~~ Owners should be obtained