

Special Investigation by Engineer Investigation Department 2

No. in Reg. Book 42107 Vessel's Name 'SOLVANTI' Case No. E.I.D.1914

At the request of Gebr. van Diepen, N.V., an investigation was carried out on the above vessel in March 1960 on account of reported vibration.

It was found that, while some local vibration exists, it is not, from the measurements made in ballast condition, serious. It may be more serious in loaded condition. A certain amount of minor or local vibration is always likely to occur in a small motor ship of this type, where the machinery and accommodation are confined to the extreme after end of the hull, and can only be cured by providing local stiffening where necessary.

A report is being issued to Gebr. van Diepen, via Rotterdam Surveyors, and it has been recommended that the heat exchanger at present mounted on the deck head should be supported from the frames, as are the air receivers; these latter are free from vibration in spite of their heavier mass.

It has also been suggested that additional stiffening beneath the deck plating might well be fitted to reduce the local vertical vibration where this is felt to be objectionable.

Is it proposed to make a special recommendation to the Committee resulting from this investigation? No E.I.D. recommendations for classification.

(Signed) _____



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