



Folder: P261.0
Cert. No.: ROT-12-030917-56

DET NORSKE VERITAS

SURVEY REPORT

This is to declare, that undersigned Surveyor to this Society, did at the request of Messrs. Vestergaard Marine Service AS, Frederikshavn, Denmark, visit the workshop of Messrs. Mark van Schaick BV, The Haque, The Netherlands, for the survey of the following:

One (1x) repaired crankshaft

Particulars:

M. van Schaick order number : MVS13982-1.
DNV order number : PP030917.
Engine and type : Wärtsilä, type 16V32.
Destination : Vestergaard Marine Service AS.

Previous marking:

- 74616 cylinder PO 4040941 NO 1 NR SIDENOR-SPAIN C 88426 F-74616 P-610 34CrNiMo6
- Det Norske Veritas DWG-OVIA 0306B NV BBO-044569 06-05-04.

Scope of repair by Mark van Schaick and accepted by DNV:

- Visual inspection was carried out, as far as could be seen, and accepted.
- All mainjournals were ground 0.50mm undersize to the nominal diameter of 299.50mm.
- All crankpins were ground 0.50mm undersize to the nominal diameter of 269.50mm.
- Axial thrust bearing was faced on both sides.
- Width thrust was measured: 122.00mm.
- Hardness was measured: 284HB.
- Crack testing was carried out with result: no cracks were found.
- All related documents were reviewed and accepted.

Marking for identification only:

ROT REP. DNV 030917-56 12-10

Note:

- It is the Operator's responsibility to evaluate and take the necessary precautions to see that the crankshaft is fit for the intended use.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.