



M/V A.V. Kostner

Date : 21st March 1996

Attention : C.F. Crandon,  
Technical Superintendent,  
Beltship Management Limited.

*SHID KOLINZOKI*  
*SVS 250*

**No 1 Main Sea Water Pump**

Further to your request, this pump has been opened up for full inspection. In order to check the condition of the "SIMSITE" impeller and wear rings. The pump was found as follows.

The Upper and Lower wear rings were both found to be in excellent condition with very limited wear, and can be re-used without further attention.

Impeller also found in excellent condition, with no signs of excessive wear or cavitation damage. No attention other than cleaning required at this time.

Mechanical seal (Drew type), was found to be in fairly good condition and only required cleaning.

Carbon line bearing found to have some wear (in the region of 0.8 - 1.0 mm), but can be used again.

In summary: This pump has had the "Simsite" impeller and wear rings fitted since February 2nd 1994, and has operated over a period spanning 14,000 Main Engine Hours. This pump style has been found to be excellent, with far better wear characteristics than could be expected from a bronze impeller/wear ring assembly.

Best Regards

A. Lawendowski,  
Chief Engineer.

