

Paper machine: Replacement of roll

- High speed paper machine
- System Reporter 200 with software version 3

This example shows vibration data before and after the replacement of a roll in a paper machine. The roll was replaced January 29. Figure 1 shows

waterfall spectra before and after replacement of the roll. The roll replacement was made in the middle of the diagram.

It is obvious that the new roll not only generates vibrations of lower amplitudes, especially at frequencies between 100 and 1000 Hz, but also with different characteristics.

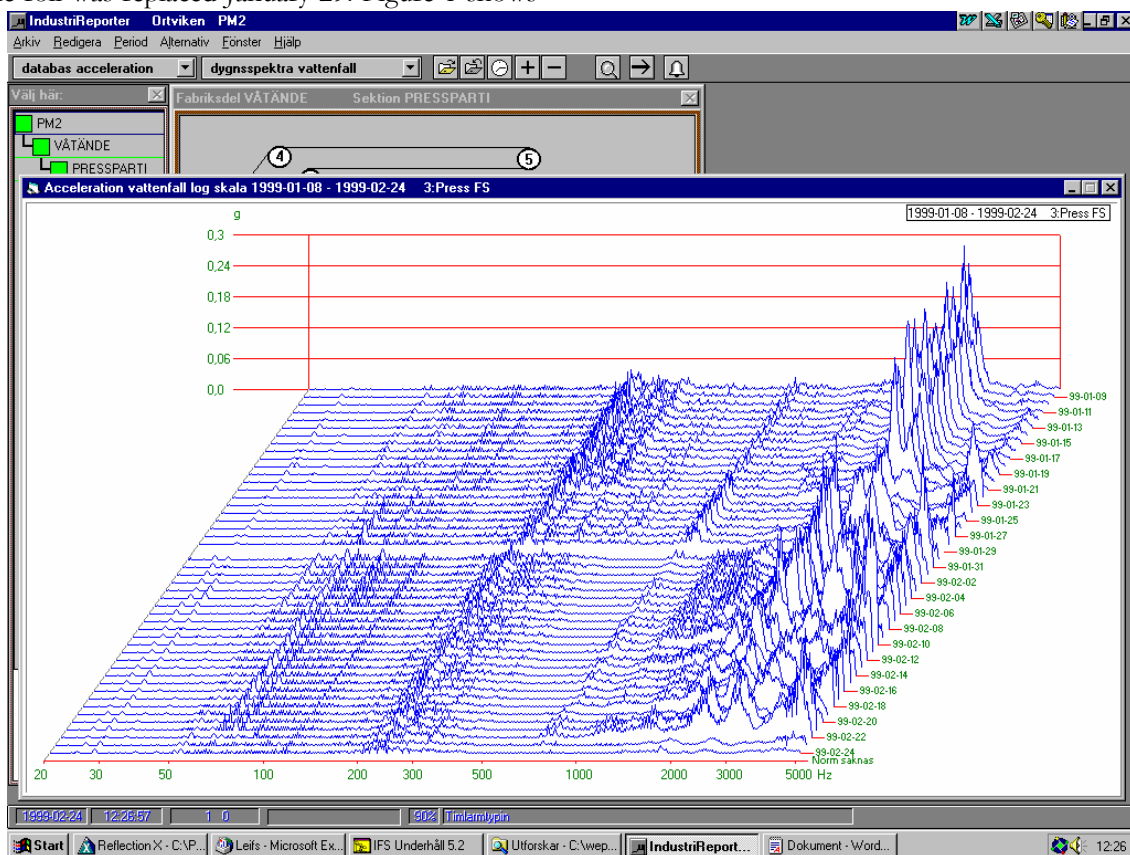


Figure 1. Waterfall spectrum of roll, ranging from January 9 (top) to February 24 (bottom). New roll at lower half of the diagram.



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