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ENGINEERING BULLETIN

RE: Calibration Method for VMS 80 Pitch/Depth

DATE: 9 April 1981

This is a fast method SFT obtained from GN during recent trip and should help clients keep the VMS 80 operating at its peak of performance.

1. Set 100 Hz at 0 PEAK = 10 cm/s (+10 dB line level).
2. Operate TEST switch on BE panel (lower left).
3. Operate FIXED switch on same panel.
4. Set 40 um (1.6 mil) DEPTH, 10 um (0.4 mil) LAND. MUST indicate 50 um (2 mil) on PITCH meter.
5. Feed 100 Hz to RIGHT and LEFT channels separately. (SK-A all zeroed!) You should now read 150 um (3 mil) PITCH, 90 um (1.8 mil) DEPTH. Trim PV LEFT + RIGHT (on rightmost PC card below) until this 3 mil PITCH is shown.
6. Feeding LATERAL signal gives: 150 um (3 mil) + 40 um (1.6 mil). VERTICAL gives 250 um (5 mil) + 140 um (2.8 mil).

NOTE: German disk standards permit a min. groove width of 25 um (0.5 mil) and LAND down to ZERO!

At GN 25.03.81
ENG-2/p1