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DATE: 8 October, 2001

**SUBJECT:** VIBRATION TECHNOLOGY Inc. – Resonant Vibration System

**SERIAL NUMBERS:** All

**DISCUSSION:** Vibration Technology Inc. has installed their “**Resonant Vibration System**” on two different CANRIG Top Drives and in both cases, severe damage was done to the Top Drive and it’s associated components (i.e. electrical j-boxes, hydraulic valve stack, blower, lube pump, etc). The resonant vibration system was designed and is used to free stuck pipe. When hung directly below the Top Drive, it vibrates the TD so violently, that serious damage can result in a very short time.

**RECOMMENDATION:** The above mentioned tool should not be used in conjunction with any CANRIG top drive. Rigging down the Top Drive, prior to connecting the resonant vibration system should be done whenever possible. Failure to do so, will likely cause significant damage which will not be eligible for repair under the terms of CANRIG’s warranty policy.

**INFORMATION:**

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