



DATE: June 11, 2001

SUBJECT: AC Top Drive - Variable Speed Drive

SERIAL NUMBERS: 141, 151, 156, 159, 177, 179, 181, 186, 198

DISCUSSION: The Charging unit (incoming rectifier) of the UNICO AC Drive is limited to max. 630 Vac. If the SCR system bus voltage (adjusted by the generator controls) is above 600 Vac or voltage regulation exceeds 5%, it is possible to damage components within the rectifier.

RECOMMENDATION: Monitor the SCR bus voltage daily and adjust to 600 Volt (ac).

The incoming voltage for any AC drive provided by CANRIG should not exceed **630 Vac**. **This is not limited to steady voltage, but also to a surge or fluctuation (i.e. when tripping or hoisting).**

INFORMATION:

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