HARRIS COMMUNICATIONS AND INFORMATION HANDLING

SERVICE BULLETIN

Equipment:

MW-5/5A

Bulletin No. AM-143-TAB

Date February 13, 1980

SUBJECT: Rerouting of AC primary wires feeding high voltage transformer

PURPOSE: Prevent arcing or corona from occuring between primary AC wiring and core of HV power supply transformer.

The Radio Field Service Department has been made aware of a possible wire routing problem in your MW-5 or MW-5A transmitter. The routing problem concerns the three AC wires running to the primary of the high voltage transformer, T-4. If these wires are allowed to lay against the three secondary cores of the transformer, arcing between the AC wiring and the transformer may occur. If arcing or corona is allowed to continue between these points the HV transformer may short out and have to be replaced.

PROCEDURE: The solution to this problem will be in two steps.

The first step is for all MW-5/MW-5A users to immediately inspect this wiring and route the primary AC wires as far away from the secondary cores as possible. The AC primary wires should also be visually inspected to make sure there is no evidence of wire degradation.

The second part of the solution will be a protective shield which will be sent to you at no charge. The protective shield will insure that no arcing or corona will occur in the future.