
LAND MOBILE PRODUCTS SECTOR PSB # 723 1301 E. ALGONQUIN RD. APC # 474/388/632 SCHAUMBURG, IL 60196 Date: MAY 1993 (708) 576-0180 EXPIRES: 5/31/94

Subject: MSF 5000 IMAGE AND INJECTION FILTERS EXPERIENCING DEGRADING RECEIVER SENSITIVITY

MODELS AFFECTED:

TFD6471A, TFD6472A, TFE6481A, TFE6482A, TFE6483A, TFF6203A, TFF6205A

Investigation has revealed evidence of a "whisker type" growth within the castings of the above mentioned Image and Injection Filters used on the MSF product.

This growth slowly degrades the receiver sensitivity to a point where it becomes necessary to retune the filter to restore proper receiver performance. In some instances the filter cannot be retuned to the customers' frequency.

If degradation of receiver sensitivity has occurred due to the above mentioned "whisker growth" problem, it is recommended that a new filter be obtained from the Schaumburg Factory. The type of plating being used currently has been revised and eliminates the "whisker growth" problem. All stations shipping from APRIL, 1993 contain the new filters.

NOTE: NOT ALL FILTERS WILL EXPERIENCE THIS PROBLEM! CLEANING OF THE FILTERS THAT EXPERIENCE THE WHISKER GROWTH PROBLEM, IS ONLY A TEMPORARY RESOLUTION. THE WHISKERS WILL CONTINUE TO REAPPEAR.

A replacement filter can be obtained by contacting Schaumburg Product Services and make reference to this Bulletin. The defective filter must

be returned to Product Services for further evaluation.

Labor of 1/2 hour plus travel will be authorized by Product Services

via a Special Labor Authorization.

Ship the defective filter to: MOTOROLA PRODUCT SERVICES 1301 E. ALGONQUIN
RD ROOM 3519 SCHAUMBURG, IL 60196