

## ENGINEERING PRACTICE STUDY

TITLE: DETERMINE NEED FOR MIL-C-83526/12, /13 AND /14

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FINAL REPORT

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- I. OBJECTIVES: Obtain field input concerning the need for MIL-C-83526/12, /13 and /14.
- II. BACKGROUND: These documents, while still referenced by several services, are not the controlling references for procurement. This lack of control has resulted in components being purchased to vendor's part number with little, to no control on the quality of the components which has resulted in several PQDRs (E0231007, E03182025, E023182025, E02310034, E04182026, E01350036, E0426403, etc.). To document any need for the specifications, this EP Study was sent to OEMs, manufacturer, services and users.
- III. RESULTS: Eight replies were received with the following results; 3 recommendations to cancel documents (from services that do not use these components), 2 replies no interest (from one OEM (GDEB) and no comment from one manufacturer), the remaining 3 replies recommended that the documents are needed (two from USMC (largest single user of the components) strongly requesting that the documents be revised) and one from a manufacturer). The manufacturer's reply also indicated they would consider qualification to a revision of the specifications.
- IV. CONCLUSIONS: Bases on the feedback received, revise MIL-C-83526/12, /13 and /14.
- V. RECOMMENDATIONS: Revise documents updating references and replace QPL requirement with FAT to encourage alternate suppliers while maintaining quality control. Also coordinate with DSCC-FSXB to change specifications to controlling references for the components.