

ENGINEERING PRACTICE STUDY

PROJECT NUMBER: 5961-2014-021

TITLE: MIL-STD-750, TEST METHOD 1020, ESD CLASSIFICATION REQUIREMENTS FOR 5961 PRODUCT.

17 JANUARY 2014

FINAL REPORT

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I. OBJECTIVES: The objective of this study was to solicit user input to determine whether additional voltage levels should be added to MIL-STD-750-1, test method 1020; further stratifying class 0.

II. BACKGROUND: MIL-STD-750, Test Method 1020, class 0 designation is currently used to classify devices with Electrostatic Discharge Sensitivity (ESD) ratings of 250 V or less. Recent discussions have led DLA to consider further stratifying class 0 by adding two or more additional voltage levels; expanding class 0 into class 0A, 0B, etc.

III. RESULTS: The EP Study project was opened and an initial draft was posted on the DLA Land and Maritime website. Inputs were solicited from all interested parties using our entire 5961 stock class email distribution list: which included military services, manufacturers, original equipment manufacturers, and user communities.

IV. CONCLUSIONS: The results of this EP Study were insufficient to support the revision of MIL-STD-750-1, Test Method 1020 at this time.

V. RECOMMENDATIONS: Continue to monitor the user community and readdress the subject at a future date if any users express interest in the subject.