

1. SCOPE

1.1 Purpose. This standard describes the requirement to provide a means for calibration and measurement traceability of all system, subsystem, and equipment parameters to ensure system and equipment operational integrity and accuracy. It defines the requirement for establishing measurement traceability from actual system and equipment level measurements to the National Institute of Standards and Technology (NIST) or other approved measurement sources. These measurements are traced through properly selected and calibrated Test, Measurement, and Diagnostic Equipment (TMDE) or appropriate measurement sensors, through individual Military Department or commercial calibration facilities, to approved national measurement standards.

1.2 Applicability. The requirements of this standard apply to all systems, subsystems, and equipment that require measurements of any type to ensure proper operation.

1.2.1 Application guidance.

a. When Logistics Support Analysis (LSA) is required on an acquisition program, the requirements of this standard should be an integral part of the LSA effort. Data developed as a result of this standard should be documented in and become part of the LSA documentation.

b. When LSA is exempted or the LSA is tailored to exempt development of the data requirements, this standard can become an independent compliance document of the acquisition program and tailored in accordance with the contract.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3, 4, and 5 of this standard.

This section does not include documents cited in other sections of this standard or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in sections 3, 4, and 5 of this standard, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation (see 6.2).