MIL-STD-188-182
18 SEPTEMBER 1992

MILITARY STANDARD

INTEROPERABILITY STANDARD
FOR
5-kHz UHF DAMA TERMINAL WAVEFORM

AMSC N/A

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FOREWORD

1. Originally, Military Standard -188 (MIL-STD-188) covered technical standards for tactical and long-haul communications. It later evolved through revisions (MIL-STD-188A, MIL-STD-188B) into a document applicable to tactical communications only (MIL-STD-188C).

2. The Defense Communications Agency (DCA), now the Defense Information Systems Agency (DISA), published DCA circulars (DCAC). These DCACs promulgated standards and engineering criteria that apply to the long-haul Defense Communications System (DCS) and to the technical support of the National Military Command System (NMCS).

3. As a result of a Joint Chiefs of Staff (JCS) action, standards for all military communications are now being published in a MIL-STD-188 series. The MIL-STD-188 series is subdivided into a MIL-STD-188-100 series, which covers common standards for tactical and long-haul communications; a MIL-STD-188-200 series, which covers standards for tactical communications only; and a MIL-STD-188-300 series, which covers standards for long-haul communications only. Ultimately, the -200 and -300 series will be absorbed into the -100 series.

4. This MIL-STD was prepared to comply with Joint Staff direction requiring that a new standard be developed. This standard defines all technical characteristics essential for interoperability and performance of satellite communications (SATCOM) terminals using 5-kHz ultra high frequency (UHF) demand-assigned multiple access (DAMA) SATCOM transponder channels. This MIL-STD defines mandatory system parameters for planning, engineering, procuring, and using UHF SATCOM terminals in joint operations.

5. This MIL-STD is approved and mandatory for use by the Office of the Secretary of Defense, the military departments, the JCS, the unified and specified commands, Department of Defense (DoD) agencies, and DoD field activities. It ensures interoperability and compatibility in accordance with DoD Instruction 5000.2, dated 23 February 1991.

6. Beneficial comments (recommendations, additions, deletions) and any pertinent data that may be of use in improving this MIL-STD should be addressed to:

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by using the self-addressed Standardization Document Improvement Proposal form (DD Form 1426) appearing at the end of this MIL-STD or by letter.

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