

METRIC

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SUPERSEDING

MIL-I-89014

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PERFORMANCE SPECIFICATION**INTERIM TERRAIN DATA (ITD)/PLANNING INTERIM TERRAIN DATA (PITD)**

This specification is approved for use by all
Departments and Agencies of the Department of Defense.

1. SCOPE**1.1 Scope.**

a. This specification establishes the second edition military specification requirements for the Defense Mapping Agency's (DMA) Interim Terrain Data (ITD) and Planning Interim Terrain Data (PITD). This document specifies the format, content, and product design of ITD and PITD, which are unsymbolized digital data sets.

b. The DMA Terrain Analysis Program is a dynamic program. This document identifies specifications encountered in the production of the ITD and PITD thematic files. Supplementary instructions may need to be generated as this product evolves. Modifications will be handled through Configuration Management procedures.

1.2 **Purpose.** Conformance to these specifications will assure uniformity of treatment among all mapping and charting elements engaged in a coordinated production and maintenance program for this product.

1.3 **Classification.** The ITD and PITD data sets are, respectively, based on the level of detail represented in the 1:50,000/1:100,000 scale Tactical Terrain Analysis Data Base (TTADB) and the 1:250,000 scale Planning Terrain Analysis Data

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to : Director, Defense Mapping Agency, ATTN: ATC, 8613 Lee Highway, Fairfax, VA. 22031-2137 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

AREA MCGT

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Base (PTADB). Both ITD and PITD have an enhanced transportation network, and are provided in a standardized digital format. ITD and PITD are portrayals of analyzed attributes of terrain features (both natural and man-made) that are of significance to tactical (ITD) and planning (PITD) military operations.

1.4 Applicability.

a. For the remainder of this document, the term ITD will be used generically to describe both ITD and PITD. Where it is important to distinguish between the two, this document will do so. Likewise, the term TADB will be used generically to describe both TTADB and PTADB.

b. These specifications apply to all ITD produced by the Defense Mapping Agency and those produced for the Defense Mapping Agency as a result of either government contract or unit tasking.

c. These specifications apply to all activities involved in the preparation and maintenance of ITD.

1.5 ITD design.

a. ITD is a product developed to satisfy the armed services short-term and mid-term requirements for digital terrain analysis data.

b. In the case where TADBs are used as the primary source, ITD will reflect the specification current at the time of TADB collection. In all other cases, the currently configured baselined TADB specification will be used.

c. ITD is designed to use the Defense Mapping Agency Feature File (DMAFF) coding scheme (see 2.1.2.a.), and the Standard Linear Format (SLF) for Digital Cartographic Feature Data (see 2.1.1), for data format and structure.

d. ITD is independent of the method of its production. The production methods result in a standard product that meets the requirements of this specification.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents in other sections of this specification 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 and 4 of this specification, 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).

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SPECIFICATIONS - MILITARY

MIL-J-89100 - Joint Operation Graphics Series 1501A (AIR)
and 1501 (GROUND) (JOG A/G)

MIL-T-89301 - 1:50,000 Scale Topographic Maps of Foreign Areas

MIL-T-89304 - Tactical Terrain Analysis Data Base (TTADB)
Scale 1:50,000/1:100,000

MIL-P-89305A - Planning Terrain Analysis Data Base (PTADB)
Scale 1:250,000

STANDARDS - MILITARY

MIL-STD-2413 - Standard Linear Format (SLF) for Digital
Cartographic Feature Data.

(Unless otherwise indicated, copies of the above specifications, standards,
and handbooks are available from the Standardization Document Order Desk, 700
Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094).

2.2.2 Other government documents, drawings, and publications. The following
other Government documents, drawings, and publications form a part of this document
to the extent specified herein. Unless otherwise specified, the issues are those
cited in the solicitation.

a. DMA Feature File (DMAFF).

(Copies of the above are available from the Defense Mapping Agency, ATTN:
ATIS, 8613 Lee Highway, Fairfax, VA. 22031-2137.)

b. DMA Technical Manual (DMA TM) 8358.1, Datums, Ellipsoids, Grids, and
Grid Reference Systems, DMA Stock No. DMATM83581TEXT.

(Copies of the above are available from the Defense Mapping Agency, Consumer
Interface (OCI), 6001 MacArthur Boulevard, Bethesda, MD 20816-5001.)

2.3 Order of precedence. In the event of a conflict between the text of
this document and the references cited herein (except for related associated detail
specifications, specification sheets, or MS standards) the text of this document
takes precedence. Nothing in this document, however, supersedes applicable laws
and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (see 6.2), a sample shall be subject
to first article inspection in accordance with 4.2.

3.2 Accuracy.

3.2.1 Horizontal accuracy. A formal horizontal accuracy for ITD has not
been defined by the users of this product.