

METRIC
MIL-D-89020
AMENDMENT 1
<u>31 March 1994</u>

MILITARY SPECIFICATION**DIGITAL TERRAIN ELEVATION DATA (DTED)**

This amendment forms a part of MIL-D-89020, dated 28 May 1993, and is approved for use by all Departments and Agencies of the Department of Defense.

The attached insertable replacement pages listed below are replacements for the stipulated pages. When the new pages have been entered in the document, insert the amendment as the cover sheet to the specification.

<u>Replacement page</u>	<u>Page replaced</u>
13	13
14	Reprinted without change

Custodian:
DMA-MP

Preparing Activity
DMA-MP

Review activities:
Air Force - 09
Army -
Navy - NO, MC

(project MCGT-0142)

1 OF 1

AMSC N/A

AREA MCGT

DISTRIBUTION STATEMENT A. **Approved for public release;**
distribution unlimited.

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c. User Header Label (UHL).

<u>Field Contents</u>	<u>Field Length In Characters</u>	<u>Character Start</u>	<u>Description</u>
UHL	3	1	Recognition sentinel.
1	1	4	Fixed by standard.
DDMMSSH	8	5	Longitude of origin (lower left corner of data set; full degree value; leading zero(s) for all subfields: degrees, minutes and seconds). H is the Hemisphere of the data.
DDMMSSH	8	13	Latitude of origin (lower left corner of data set; full degree value; leading zero(s) for all subfields: (degrees, minutes and seconds). H is the Hemisphere of the data.
SSSS	4	21	Longitude data interval in seconds (decimal point is implied after third integer).
SSSS	4	25	Latitude data interval in seconds (decimal point is implied after third integer).
0000-9999 or NA	4	29	Absolute Vertical Accuracy in Meters. (With 90% assurance that the linear errors will not exceed this value relative to mean sea level (Right justified)).
T - Top Secret S - Secret C - Confidential U - Unclassified R - Restricted	3	33	Security Code. (Left justified)

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<u>Field Contents</u>	<u>Field Length In Characters</u>	<u>Character Start</u>	<u>Description</u>
Unique Reference	12	36	*Unique reference number (Provides Number pointer to file containing detailed file description).
Number of longitude lines	4	48	Count of the number of longitude (profiles) lines
Number of latitude points	4	52	*Count of the number of latitude points per longitude line.
Multiple accuracy	1	56	0 - Single 1 - Multiple
Reserved	24	57	Unused portion for future use.

Note: *These fields, to be defined by producer, may be left blank.

d. Data Set Identification (DSI) Record.

Fixed Length = 648 ASCII Characters

1 ASCII Character = 1 Byte = 8 Bits

<u>Field Contents</u>	<u>Field Length In Characters</u>	<u>Character Start</u>	<u>Description</u>
DSI	3	1	Recognition Sentinel.
T - Top Secret S - Secret C - Confidential U - Unclassified R - Restricted	1	4	Security Classification Code.
	2	5	Security Control and Release Markings. For DoD use only (DIAM 65-19).
	27	7	Security Handling Description. Other security description. (Free text or blank filled).