$\boxed{\textbf{METRIC}}$

MIL-W-89012
AMENDMENT 2
30 November 1992
SUPERSEDING
AMENDMENT 1
31 October 1991

MILITARY SPECIFICATION

WORLD VECTOR SHORELINE

This amendment forms a part of MIL-W-89012, dated 27 July 1990, 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.

Replacement page	Page replaced
13	13
14	Reprinted without change

PAGE 3

3.3.2 Add to end of paragraph:

"The WVS tape shall be marked with the following note, indicating that the product is copyrighted. The copyright date shall be 1992 for WVS Edition One, and the edition date of the WVS data set, for subsequent editions.

PAGE 27

3.4.2.j   Add note "(NOT IN FACS)" below the title "<u>FACS Feature</u>" for "Boundary"

PAGE 28

3.4.2.k   Add note "(NOT IN FACS)" below the title "<u>FACS Feature</u>" for "No Defined Boundary"

1 OF 2

AMSC N/A   AREA MCGT

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PAGE 29

3.4.2.1   Add note "(NOT IN FACS)" below the title "<u>FACS Feature</u>" for "Other Line of Separation"

Custodians: Preparing activity:
DMA - MP   DMA - MP

Review activities: (project MCGT-0104)
Air Force - 09
Army - CE
Navy - NO

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(a) Feature header records: Each feature has at least one feature header record to identify the feature and its associated attributes, segment records, and (feature) data records.

Name	Format	Description
FEAFLAG	A3	New feature marker = "FEA" (constant).
FEANUM	I7	Unique feature identification number (unique in current cell) used to key from segment records.
FEATYPE	A1	"P" is point, "L" line, and "A" is area feature (WVS Edition One has only point features for names and only line features for shoreline and boundaries).
FACS	A5	Code indicating FACS feature type (see 3.4).
ATTRIB	A24	Attribute buffer, format based on feature type

The following format is used for Shorelines and Boundaries
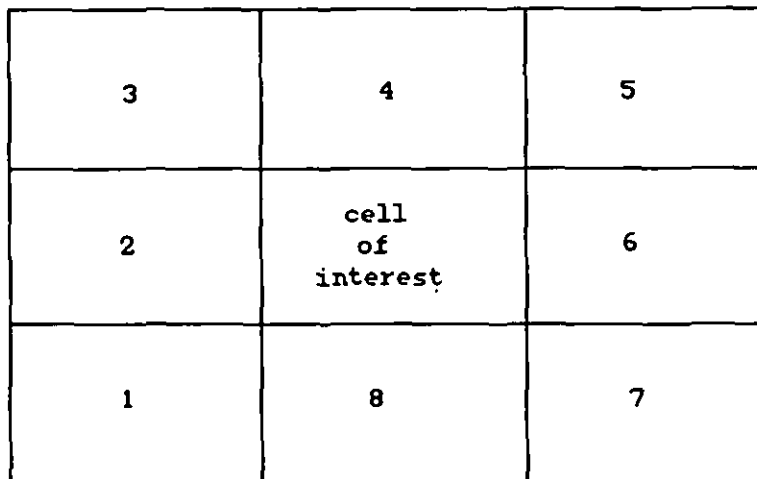
ATTVAL	A36	Up to three attributes, each with a three letter attribute code and a three digit value code.
CONT1	I1	Edge code where feature enters cell from adjacent cell. For features that commence within the cell, CONT1 = 0 (see Figure 3)
CONT2	I1	Edge code where feature exits cell to adjacent cell. For features that terminate within the cell at the same place they commence (islands), CONT2 = 0; for features that terminate within the cell but not at the same place they commence, CONT2 = 9. (see Figure 3)
FEALAB	A4	Country code (See Appendix C), or file/continent code (see 3.3.7) to left and right of feature respectively.

The following format is used for Country Names:

CCODE	A2	2 letter country code.
CNAME	A20	Country name.
SCODE	A2	Sovereignty code (2 letter country code).

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Supersedes page 13 of MIL-W-89012, dated 27 July 1991

Name	Format	Description
NSEGinFEA	I3	*Number of segments comprising this* feature.
NATTR	I3	Number of extra attribute records that immediately follow this header record. For shorelines and boundaries, NATTR = 0; for country names, NATTR = 1.
NFDATAREC	I2	Number of feature data records that follow.

3	4	5
2	cell of interest	6
1	8	7

FIGURE 3. Edge Codes

(b) Extra attribute records: For WVS database Edition One, only country names use extra attribute records to describe the country's extent and the position of the country's name (approximate center). A country name shall be associated with the polygon formed by the appropriate boundary lines and shorelines. The maximum extent and approximate center of each polygon shall be determined through visual estimation. The following is a description of the country name extra attribute format.

Name	Format	Description
MINLNG	I8	Minimum longitude* (first integer meridian west of the country).
MINLAT	I7	Minimum latitude* (first integer parallel south of the country).
MAXLNG	I8	Maximum longitude* (first integer meridian east of the country).
MAXLAT	I7	Maximum latitude* (first integer parallel north of the country).
CENTLNG	I8	Approximate center longitude.*
CENTLAT	I7	Approximate center latitude.*
Blank	3x	

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