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APPENDIX D

REFERENCES

Standardization Agreements

STANAG 2210  9 Jun 69 w/ Am 1-7 (Am7 dtd 1 Mar 94)  
Trig Lists (Lists of Geodetic Data)

STANAG 2211  15 Jul 91 w/ Am 1-2 (Am 2 dtd 1 Jun 92)  
Geodetic Datums, Ellipsoids, Grids, and Grid References

STANAG 2934  20 Jun 89 w/ Am 1-3 (Am 3 dtd 27 May 94)  w/ AArty P-1 w/ ch3 dtd 3 Feb 94  
Artillery Procedures (Replaces STANAG 2373 and 2865)

STANAG 3676  2 Apr 87 w/ Am 1-3 (Am 3 dtd 26 Apr 91)  
Marginal Information on Land Maps, Aeronautic Charts, and Photomaps

STANAG 3677  7 Sep 76 w/ Am 1-4 (Am 4 dtd 1 Jun 92)  
Standard Scales for Land Maps and Aeronautic Charts

Copies of these agreements can be ordered from the following agency:

Combined Doctrine Branch  
Doctrine Division (Code C426)  
MCCDC  
3300 Russell Road  
Quantico Va. 22134-5021

National Imagery and Mapping Agency (NIMA) Manuals

DMA TR 80-003 Ed 5  Dec 83 (Foreward dtd 16 Mar 84)  
Geodesy for the Layman  
Stock # not listed

DMA TM 81-004 Draft  Jan 92  
Monumenting, Describing, and Recovery  
Stock # not listed

DMA TM 8358.1 Ed 1  20 Sep 90  
Datums, Ellipsoids, Grids, and Grid Reference Systems  
Stock # DMATM83581TEXT

DMA TM 8358.2 Ed 1  18 Sep 89  
The Universal Grids: Universal Transverse Mercator (UTM) and Universal Polar Stereographic (UPS)  
Stock # DMATM83582

NIMA TR 8350.2 Ed 3  4 July 97  
DoD World Geodetic System 1984: Its Definition and Relationships with Local Geodetic Systems  
Stock # DMATR83502WGS84

DoD Glossary of Terms Ed 4  1981  
Department Of Defense Glossary of Mapping, Charting, and Geodetic Terms  
Stock # GLOSXMCGTERMS

Appendix D-2
NOAA Technical Memoranda

NOAA Technical Memoranda NOS NGS-16
Determination of North American Datum 1983 Coordinates of Map Corners

NOAA Technical Memoranda NOS NGS-43
Performing Centimeter-Level Surveys in Seconds With GPS Carrier Phase: Initial Results

NOAA Technical Memoranda NOS NGS -50
NADCON

NOAA Technical Report

NOAA Technical Report NOS 73 NGS 8
Control Leveling

NOAA Technical Report NOS 88 NGS 19
Horizontal Control

NOAA Technical Report NOS 110 NGS 32
Orthometric Height Determination Using GPS Observations and the Integrated Geodesy Adjustment Model

NOAA Technical Report NOS 121 NGS 39
National Geodetic Survey Gravity Network

NOAA Manuals

NOAA Manual NOS NGS 1
Geodetic Bench Marks

NOAA Manual NOS NGS 3
Geodetic Leveling

NOAA Manual NOS NGS 5
State Plane Coordinate System of 1983

NOAA Professional Papers

NOAA Professional Paper NOS 2
North American Datum of 1983

Copies of these manuals can be obtained from the following agency:

NOAA National Geodetic Survey
N/NGS 12, SSMC3 Room 9202
1315 East-West HWY
Silver Springs, Md 20910

Appendix D-3
Coast & Geodetic Survey Publications

Coast & Geodetic Survey Special Publication No. 225
Manuscript of Reconnaissance for Triangulation

Coast & Geodetic Survey Special Publication No. 234
Signal Building

Coast & Geodetic Survey Special Publication No. 235
State Coordinate Systems

Coast & Geodetic Survey Special Publication No. 237
Manual of Geodetic Astronomy

Coast & Geodetic Survey Special Publication No. 247
Manual of Geodetic Triangulation

Coast & Geodetic Survey Special Publication No. 251
Conformal Projections In Geodesy and Cartography

Coast and Geodetic Survey Technical Memorandum USC&GSTM-4
Specifications For Horizontal Control Marks

FGCS Publications

Geometric Geodetic Accuracy Standards And Specifications For Using GPS Relative Positioning Techniques
FGCS classification and specifications for relative GPS surveys.

Global Positioning System Carrier Phase: Description and Use

Standards and Specifications For Geodetic Control Networks
FGCS classification and specifications for conventional surveys.

Use and Value of a Geodetic Reference System

Input Formats and Specifications of the National Geodetic Survey Data Base:
Volume I, Horizontal
Volume 2, Vertical
Volume 3, Gravity

Department of the Interior
Bureau of Land Management

Manual of Instruction for the Survey of the Public Lands of the United States

U.S. Geological Survey

Professional Paper 1395
Map Projections - A Working Manual

Appendix D-4
U.S. Army Corps of Engineers

**Appendix D-5**

**EM 1110-1-1000** 31 March 1993
Photogrammetric Mapping

**EM 1110-1-1002** 14 September 1990
Survey Markers and Monumentation

**EM 1110-1-1003** 1 August 1996
NAVSTAR Global Positioning System Surveying

**EM 1110-1-1005** 31 August 1994
Topographic Surveying

**EM 1110-2-1003** 31 October 1994
Hydrographic Surveying

**Field Manuals**

- **FM 5-36** Route Reconnaissance and Classification
- **FM 5-232** Topographic Survey
- **FM 5-233** Construction Survey
- **FM 5-553** General Drafting
- **FM 6-2** Field Artillery Survey
- **FM 6-15** Field Artillery Meteorology (MCWP 3-16.5)
- **FM 6-20-10** The Targeting Process
- **FM 6-30** Tactics, Techniques, and Procedures For Observed Fire
- **FM 6-40** Field Artillery Manual Cannon Gunnery
- **FM 6-50** Tactics, Techniques, and Procedures For The Field Artillery Cannon Battery
- **FM 6-121** Tactics, Techniques, and Procedures For Field Artillery Target Acquisition
- **FM 6-300** Army Ephemeris
- **FM 21-26** Map Reading and Land Navigation
- **FM 21-31** Topographic Symbols
- **FM 31-70** Basic Cold Weather Manual
- **FM 34-85** Conversion of Warsaw Pact Grids to UTM Grids
- **FM 101-5-1** Operational Terms and Symbols
- **FMFM 3-1** Command and Staff Planning
- **FMFM 6-9** Marine Artillery Support

**Technical Manuals (Survey General)**

- **TM 5-232** Elements of Surveying
- **TM 5-235** Special Surveys
- **TM 5-236** Surveying Tables and Graphs
- **TM 5-237** Surveying Computer’s Manual
- **TM 5-330** Planning Roads, Airfields, and Heliports
- **TM 5-441** Geodetic and Topographic Surveying
- **TM 5-442** Precise Astronomic Surveys
- **TM 5-443** Field Classification Surveys
- **TM 5-704** Construction Field Reading

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<th>Technical Manuals (Equipment Specific)</th>
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<tr>
<td><strong>TM 08837A-12/_</strong> Operators and Organizational Maintenance Manual for Position and Azimuth Determining System, AN/USQ-70</td>
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