DEFENSE MAPPING AGENCY
BUILDING 56, U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20305

DMAINST C5200.5
PPS
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DMA INSTRUCTION C5200.5

SUBJECT: Security Classification of the DoD World Geodetic System (WGS), DoD Geodetic Data, and DoD Geomagnetic Data (U)

REF: a. DIAM 70-1, "Mapping and Charting Security Management," dated 4 September 1969. Part three of subject manual is hereby replaced.

           b. DoD 5200.1 R, "Information Security Program Regulation," July 1972.

1. (U) Purpose. To establish security classification guidance for use with the DoD WGS and other geodetic and geophysical data.

2. (U) Scope. This instruction applies to all elements and agencies of DoD who use the DoD WGS and collect and/or use geodetic data, gravimetric data, geodetic satellite data and geomagnetic data.

3. (U) Authority. This instruction is issued under the authority delegated in DoD Directive 5105.40, "Defense Mapping Agency (DMA)," dated 1 January 1972.

    a. Classification Guide for DoD WGS.

       (1) The terms World Geodetic System, DoD World Geodetic System, DoD WGS (i.e., WGS 60, WGS 66, WGS 72) - Unclassified.

       (2) The terms in (1) above in conjunction with text or graphics which describe the general idea of application - Unclassified.

       (3) Details on methods of derivation of DoD WGS - Unclassified.

(4) Radius, flattening, gravity at the equator, and gravitational constant, to include the earth's angular velocity and second degree harmonic coefficient term, when identified with the DoD WGS - Unclassified.

(7) DoD WGS coordinates or any geodetic coordinates, of any accuracy, produced by DoD are normally Unclassified. They may be classified Confidential or higher for any of the following reasons:

(a) When required by host countries.

(b) When required by appropriate authority to protect positions of sites of military importance or interest.

(c) When required to protect special activities.

(d) When release of data would compromise classified operations.

(8) Maps and charts, regardless of scale, compiled on or related to the DoD WGS, except as criteria (7) (a) through (7) (d) above may warrant their classification - Unclassified.

b. <u>Classification Guide for Gravity and Related Data.</u>

(1) Gravity data will be classified:

(b) When the data requires protection to preclude compromise of the source - Confidential or higher with appropriate caveats.

(d) The intent of (c) above is to prohibit the release of large blocks of DoD gravity survey data which would reveal the requirements areas. However, subject to HQ DMA approval on a case-by-case basis, limited quantities of these data may be released Unclassified.

(2) The terms DoD Gravity Program, Launch Region ͏͏ Model (LRGM) - Unclassified.

(7) Gravity data produced by extrapolation, inter-polation or prediction techniques - same classification as the basic source data.

(9) Mean anomalies computed using Unclassified gravity data - Unclassified.

c. Classification Guide for Geodetic Satellite Observational Data, i.e., Range, Range Rate. Right Ascension, and Declination Data.

(1) Data collected from sites in the National Geodetic Satellite Program (NGSP) (1965-1971) - Unclassified.

d. Classification Guide for Geomagnetic Data.

(1) As a general policy, magnetic products and data will not be classified except under special circumstances. Precision, accuracy or density of magnetic data will not be a basis for classification of the information.

(2) Magnetic products and data will be classified when:

(a) Required by host country.