FGDC Homeland Security Working Group 2009 WORK PLAN

Agency Name: Department of Homeland Security

Lead or Co-Lead: Tom Terry and Ed Freeborn

Subcommittee or Working Group: Homeland Security Working Group, US National Grid (USNG) Subgroup

Background:

The Military Grid Reference System (MGRS) greatly reduced operational friction and improved large-scale mapping and interoperable exchange of position information for the free world armed forces of post-World War II. It did so by providing a standard grid reference system that was to be uniformly used on all large scale mapping, with few exceptions. This standards-based solution provided organizations around the world with a globally consistent grid that could be taught and used by all organizations. This need was one of the great cartographic lessons of that conflict. The MGRS has been a critical factor for successful integration of large-scale mapping by field units with Global Positioning System (GPS) technology. Until the advent of the Federal Geographic Data Committee (FGDC) US National Grid standard (FGDC-STD-011-2001) US civil activities had no similar solution or capability. The USNG provides the first standards based, nationally consistent, user friendly means to describe locations on large-scale maps, integrate them with GPS, and to improve the interoperable exchange of position information between multiple agencies involved in consequence management.

Objectives:

Implementation of the USNG standard to improve homeland security operations, consequence management, and improve commerce.

Benefits or Justification/Legal Mandate:

This effort supports implementation of the FGDC US National Grid (USNG) standard (FGDC-STD-011-2001). As a result the USNG will improve interagency exchange and use of geospatial positioning information, reduce operational friction and fog, costs, and save lives in consequence management.

Scope of Work:

Implementation efforts for thwe USNG will be across a wide range of areas and organizations and will focus on:

a) Implementation in commercial Geographic Information System (GIS) software and other map production capabilities;

b) Education of policy makers at all levels and training first responders as well as policy decisions by organizations to adopt and implement the National Grid; and

c) Implementation of the USNG in various geospatial products such as maps (digital and hardcopy), map indexes, and other uses in databases.

Tasks, Milestones, Task Leads, and Budget:

Task	Date	Who	Others	Budget
T1. Subgroup Meetings	As scheduled	Tom Terry	See Groupspace Link for Staff	DOD USMC DOJ Delta State University
T2. Implementation in commercial Geographic Information System (GIS) software and other map production capabilities.		Tom Terry	See Groupspace Link for Staff	DOD USMC DOJ Delta State University
T3. Education of policy makers at all levels and training first responders as well as policy decisions by organizations to adopt and implement the National Grid.		Tom Terry	See Groupspace Link for Staff	DOD USMC DOJ Delta State University
T4. Implementation of the USNG in various geospatial products such as maps (digital and hardcopy), map indexes, and other uses in databases.		Tom Terry	See Groupspace Link for Staff	DOD USMC DOJ Delta State University

Identification of funding sources or requests:

No funds are specifically budgeted for this effort, other the staff costs associated with membership participation. Therefore, scope, cost, schedule and performance projections are difficult to determine and quantify. Execution will be 'best effort'.

Points of Contact, Contact Info, and Area of Responsibility:

USNG Subgroup Co-chairs:

Tom Terry, HQMC-IPI, (703) 695-3118

Ed Freeborn, DOJ/NLECTC-NE, (315) 339-6184