

NSDI 2010 CAP GRANTS

CATEGORY 6

ENHANCEMENT OF THE GEOSPATIAL DATA MODEL ADOPTION FOR EMERGENCY RESPONSE

Date: Oct. 2, 2012

Agreement Number: G10AC00229

Project Title: 2010 CAP, Category 6 – Enhancement of the Geospatial Data Model Adoption for Emergency Response

Organization:

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Executive Summary

In 2010, Cal-EMA, in partnership with the Homeland Security Regional Technology Center (RTC) housed at San Diego State University Research Foundation (SDSURF), was awarded a USGS National Spatial Data Infrastructure (NSDI) Cooperative Agreement Program (CAP) grant in support of the Federal Geographic Data Committee (FGDC). Changing economic conditions and competing priorities have necessitated many changes to this project. The Department of Homeland Security (DHS) no longer supports the GeoData Model (GDM), or the application that generated a database schema. The San Diego Regional Technology Center no longer exists, due to lack of funding. Instead, CalEMA will update the skills needed to develop a database schema for incidents.

Project Narrative

Cal EMA GIS staff has been involved with the new RIMS Replacement Systems team led by ESi who are implementing WebEOC for Response. They have conducted discovery sessions to determine the business needs for CalEMA and constituents for emergency response. WebEOC only collects point geometry for event driven data, so we have been working with them to assure interoperability and ease of use for line and polygon geospatial data types. We continue to identify incident data types and attributes that will be part of the overall data model, and will begin migration to a prototype geodatabase in November. It is expected that we will have a working prototype model that is integrated with the WebEOC system around the February timeframe.