



**US Army Corps
of Engineers®**
Engineer Research and
Development Center

Topographic Engineering Center Common Map Background (CMB) Program

Description and Background

The Operations Division (OD) of the Topographic Engineering Center has developed a program that provides the capability to assemble, host, maintain, and disseminate a common geospatial map data library. The data library includes the latest and best available National Geospatial-Intelligence Agency (NGA) data, as well as TEC produced products. This data library and/or subsets thereof (regional) will be provided as requested to Army customers.



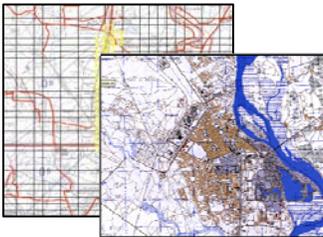
Key Capabilities

CMB dramatically eliminates the time and expense required for field users to acquire, manage and load/import CD-ROMs of geospatial data pertinent to their Area of Operations. Standard NGA data has been spatially indexed, and is available for dissemination.

Currently, products requested range from map and image datasets of small area's of interest, to large country or command datasets. Customers are able to request through TEC's website, or by email. This year alone, the CMB analysts have responded to requests from a multitude of agencies, ranging from Corps of Engineers District Offices to Army Topographic Units overseas, troops in preparation for deployment, the Airforce, the Navy and the Marines. Data is delivered on CD-ROM, DVD or Firewire drive.



Current Status



TEC, through the Geospatial Dissemination and Production Team (formerly the Source Acquisition Team (SAT)), maintains a database of current geospatial data from numerous sources, including NGA. Data types include: CIB, Digital Terrain Elevation Data (DTED levels 0, 1, 2), Shuttle Radar Topography Mission (SRTM), shaded relief products created from DTED and SRTM, and Indian Remote Sensing imagery (IRS – 5 meter color) of the entire United States. Products from the CMB database are in the native NGA RPF format. Data ingest and index tools have been developed in-house at TEC to maintain the database. Regular updates are provided to TEC by NGA.

In addition, the CMB program distributes by request, TEC products such as: Urban Tactical Planners (UTPs), UTP fly-throughs, Buckeye LIDAR, imagery, and associated image products, VMAP, and USGS Digital Ortho Quarter Quad imagery (DOQQ – 1 meter) Engineering Route Studies (ERSs), and GeoPDF products. Maps formatted for display on the Defense Advanced Global Positioning System Receiver (DAGR) and Garmin GPS units are also available through the CMB program.

Point of Contact

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CMB Websites: tec.army.mil/cmb (Unclass),
tec.army.smil.mil/Products/CMB/index.cfm (SIPRnet),
tec.ic.gov/Products/CMB/index.cfm (JWICs)

