

## ***Executive Summary***

### **LIDAR Survey Specifications Summit Meeting Bay St. Louis, MS, January 14 & 15, 2009**

The LIDAR Survey Specifications Summit Meeting was held on January 14 & 15, 2009 at the Hollywood Casino in Bay St. Louis Mississippi. The meeting was sponsored by the Joint Airborne Lidar Bathymetry Technical Center of Expertise (JALBTCX).

The summit meeting brought together 23 key individuals from five federal agencies to share their insights and expertise to begin to build consensus on a set of common lidar specifications for airborne coastal mapping and charting. The workshop provided opportunities to:

- Validate problems or challenges of the status quo.
- Share current agency specifications and build understanding of specific agency requirements.
- Identify priority areas for developing common survey specifications.
- Build consensus on priorities, actions and deliverables resulting from the meeting.

The summit meeting participants engaged in discussions about current agency requirements and specifications for lidar collection and mapping activities. Small group tasks focused on identifying priority areas and building consensus on common requirements or specifications for metadata, processing, positioning, and QAQC. Large group activities and discussions focused on addressing issues that may be potential barriers to success.

Participants represented five agencies involved in collecting and using lidar data for ocean and coastal mapping activities. The agencies are USACE, NOAA, USGS, NAVO, and NGA Maritime.

As a result of the meeting agency representatives agreed to:

- Refine and finalize the Lidar Specification Matrix.
- Develop a template for metadata documentation using the FGDC standard format.
- Continue development of the Airborne Coastal Mapping and Charting Specifications by Survey Type.
- Set up a bathymetric lidar-specific forum at <http://lidarbb.cr.usgs.gov> to exchange information.
- Communicate results and expand the effort through a variety of venues.

The US Army Corps of Engineers (USACE), National Ocean and Atmospheric Administration (NOAA), US Geological Survey (USGS), and the Naval Oceanographic Office (NAVO) organized the summit meeting. For more information, please visit the website at: <http://www.JALBTCX.org/Standards.aspx> or contact one of the Summit Meeting Planning Team Members identified below.

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