



## Maritime Biometrics Technology Demonstration & Experiment 2010

On **November 18<sup>th</sup> and 19<sup>th</sup> 2010**, Naval Surface Warfare Center (NSWC) Carderock Division Detachment is hosting a Maritime Biometrics Technology Demonstration and Experiment in support of a requirement for the Office of Naval Research (ONR). The event will be held at Pier 2 on the Little Creek Naval Amphibious Base, Norfolk, Virginia and will feature the Stiletto technology demonstration vessel in a wide range of realistic Maritime Interdiction Operation (MIO) scenarios. As the developer of the onboard command and control system for Stiletto (i.e., the Craft Integrated Electronics Suite or CIES®), Azimuth Incorporated will demonstrate its newly developed CIES Biometrics Enrollment Suite (CBES)<sup>™</sup> including: a ruggedized server built to function as the main biometrics processing unit for the craft; a ruggedized multi-modal biometrics enrollment station installed onboard the vessel; a 10km Line of Sight (LOS) network providing for data sharing between the Stiletto and its 11-meter Rigid Hull Inflatable Boat (11M RHIB); a customized biometrics enrollment software package fully integrated into the proven CIES interface; and, an ultra rugged, rack-mountable, 8-channel digital video recorder serving as the video management core for all internal and external cameras. Additional technologies to be featured during the experiment will include: Berico Tailored Systems' ruggedized, highly

mobile, and customizable IP-based PraefectaCELL technology enabling rapidly deployable 3G/4G long-range (i.e., up to 20km) cellular communications within tactical environments; AMREL Systems' ruggedized computer platforms including AMREL's System One (S1) – Last Tactical Mile (LTM) Kit enabling MANET-like, self-healing network control; and, mobile biometrics collection devices from Cogent Systems, CrossMatch Technologies, MaxID, and MaxVision. In addition, MaxID will demonstrate its credential verification and cloud-service supported identity management capabilities.

The event is “by invitation only” for participants from both government and industry. All MIO scenarios will be executed on Thursday, November 18, 2010 and will be followed by a VIP technology demonstration on November 19, 2010.

The Stiletto will be configured as a notional demonstration platform for use during the experiment. Proposed Stiletto functional capabilities will include SATCOM to provide the interface to shore nodes and access to intelligence resources, such as the Biometrics Identity Management Agency (BIMA). In addition, the 11M RHIB will support Boarding Team Operations. The 11M RHIB is a high-speed watercraft that carries equipment and people and is often used as a delivery system for special operations personnel. The people onboard the 11M RHIB also communicate with other ships and locations while performing their mission. The 11M RHIB is integral in performing a number of tasks necessary during MIO exercises. A number of these tasks will be tested using various systems during the upcoming technology demonstration and experiment.

For additional information pertaining to the event, contact Mr. Larry Wiley, Technical Point of Contact for the CIES program at [larry.w.wiley@navy.mil](mailto:larry.w.wiley@navy.mil) or Rob Tutton, Program Manager for the Stiletto at [robert.tutton@navy.mil](mailto:robert.tutton@navy.mil).