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Navy Experimentation Enhances Global Operations

"Trident Warrior is a great venue to get valuable feedback from fleet Sailors and Marines to shape the development of technologies, processes and procedures. The information gathered during this experiment will have a direct impact in enhancing our core competencies and enabling our naval forces to become more effective in carrying out their missions."
– Rear Adm. Gerald Beaman, Deputy Chief of Staff, Global Force Management & Joint Operations, U.S. Fleet Forces Command

The Navy must be equipped to fight effectively and maintain advantages over adversaries in the rapidly changing battlespace. [Trident Warrior 2010](#) (TW10), an annual event sponsored this year by [Commander, Third Fleet](#) and directed by [U.S. Fleet Forces Command](#), focuses on at-sea experimentation of approximately 100 critical maritime technologies and development of new tactics, techniques and procedures to aid maritime forces.

Innovation Evaluation for the Warfighter of Today and Tomorrow

- The best prepared forces for future missions are well-trained in current and future technologies with experience in interoperability – including intra-service, joint and combined environments. TW10 experimentation examines the potential of [new technologies](#) and collaborative tools to enhance capabilities for the warfighter.
- The primary goal of TW10 is to improve information dominance capabilities, maritime warfighting policy and procedures, and interoperability between U.S. and coalition partners. Key testing focus areas include: networks; coalition interoperability; information operations; command and control; intelligence, surveillance and reconnaissance; electronic warfare / fires; cross-domain solutions; information transport; and maritime domain awareness.

Exploring the Art of the Possible

- TW10 is the largest and most complex afloat experiment to date, encompassing more than 100 independent experiment threads. Every Trident Warrior is conducted in partnership with a numbered fleet command, in this case U.S. Third Fleet. Experimentation from TW10 is designed to provide answers to detailed analytical questions involving these technologies, in order to accelerate the process of getting them into the hands of the warfighter.
- Overall, the results of TW10 experimentation aim to impact future doctrine and improve the technologies, allowing warfighters to keep ahead of adversaries in the rapidly changing environment.

Leveraging Partnerships

- Other TW10 participants include the [Space and Naval Warfare Systems Command](#), the Naval Postgraduate School and industry, with specific skills in experiment design and operational planning. Ships and multiple aircraft from the Navy and Air Force, program executive offices, and system commands will also be involved. Multinational participation includes Australia, Canada, New Zealand, the United Kingdom, the Republic of Korea, France and Chile.

Key Messages

- TW10 is a global experimentation effort dealing with more than 100 critical technologies.
- TW10 improves information dominance capabilities and maritime warfighting policy and procedures.
- TW10 expedites the process of getting technologies into the hands of the warfighter.

For the Latest

- To get an inside look at some of the experimentation involved in Trident Warrior 2010, visit: <http://www.public.navy.mil/usff/tridentwarrior>
- If you have any questions about the event or U.S. Fleet Forces Command experimentation in general, email: [USFF Trident Warrior Tech Select@navy.mil](mailto:USFF_Trident_Warrior_Tech_Select@navy.mil)