

Value to the Fleet

Trident Warrior provides an organized and streamlined venue to experiment with many possible solutions to the Fleet's current and future challenges. Trident Warrior's value to the Fleet can be measured by the consistent in-depth analysis provided to the Navy's decision makers.

Since 2003, Trident Warrior has provided experiment support for:






- 600+ Program of Record initiatives
- 110+ Validated and improved tactics, techniques, and procedures (TTPs)
- 250+ Non-Program of Record initiatives

Results from past Trident Warrior experiments have immediately influenced and impacted Office of the Chief of Naval Operations (OPNAV) Program Objective Memorandum (POM) decisions.

Accelerating new and improved capabilities to the Fleet!

Connect With Trident Warrior

For more information about Trident Warrior – or U.S. Navy Fleet Experimentation – please contact us through any of these methods:

-  **Follow us on Facebook:**
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U.S. Fleet Forces Command

TRIDENT WARRIOR

▪ 2011 ▪



About the Experiment

Trident Warrior 2011, or TW11, is an annual fleet experiment focused on gaining valuable insights to improve future capability investments.

Encompassing all aspects of the modern warfare spectrum – air, land, sea, and cyber – this year’s agenda includes at-sea experimentation of critical maritime initiatives, and developing or improving tactics, techniques, and procedures (TTPs) to aid maritime forces.

Trident Warrior, directed by U.S. Fleet Forces Command, is sponsored each year by a numbered fleet. This year, we are sponsored by 2nd Fleet and 5th Fleet.

A few highlighted TW11 initiatives:

- Demonstrate cooperative autonomy of Navy Unmanned Systems
- Develop the ability to integrate National, Theater, and Tactical Sensors across networks, supporting a “single-shared” common operating picture
- Develop improved TTPs to prevent hostile applications or malicious programs from gaining unauthorized shipboard internet access
- Validate TTPs to improve electronic warfare and air defense processes to increase the probability of a ship’s survival in a time-compressed threat environment



■ TRIDENT WARRIOR 2011 ■

Advancing Future Capabilities Through Fleet Experimentation

Initiatives are organized into 10 Experimental Focus Areas:

- **Networks**
- **Coalition Interoperability**
- **Information Operations**
- **Command and Control (C2)**
- **Intelligence, Surveillance, and Reconnaissance (ISR)**
- **Electronic Warfare / Fires**
- **Cross-Domain Solutions**
- **Information Transport**
- **Maritime Domain Awareness (MDA)**
- **Coalition Communications**

TW11 Participants and Partners

Over the last eight iterations of Trident Warrior, we have partnered with numerous ships, sponsors, and multinational partners. Here is a quick snapshot of who is involved with Trident Warrior 2011.

Planning Staff

- U.S. Fleet Forces Command
- 2nd and 5th Fleets
- Space and Naval Warfare Systems Command (SPAWAR)
- Naval Postgraduate School

Participants

- Aircraft from U.S. Navy and U.S. Air Force
- Program Executive Offices (PEOs)
- U.S. Navy systems commands
- Industry
- Academia

Multinational Partners

- Australia
- Canada
- New Zealand
- United Kingdom
- France