Commander 4th Fleet
LIMITED OBJECTIVE EXPERIMENT

Sponsors: U.S Fourth Fleet

Focus: A Limited Objective Experiment (LOE) evaluates new naval technologies and concepts in an operational environment. Commander, 4th Fleet (C4F) innovation allows for use of Fleet assets and autonomous conditions. This event leverages ANTX, RPED, FLEX, etc.

Type of Event: Experiment

Location: 4th Fleet Operational Area, next experiment in Key West, FL.

Entry Criteria: Technology solutions, impacts, limitations, and utilities to meet technical objectives and thrust areas with a TRL of 3 or greater.

Challenges: Identifying/securing appropriate platform, logistics. Usually narrowed to a small set of capabilities.

BURLINGTON

Link: https://www.navy.mil/US-NAVAL-FORCES-SOUTHERN-COMMAND-US-FOURTH-FLEET/

When?

Held annually. The next events are scheduled for 15-23 October 2022 and July 2023.

CYBER ANTX

Sponsors: Naval Information Warfare Center (NIWC) Atlantic (LANT)

Focus: New technologies that can support local cyber defenders. Capabilities of interest include Indicator of Compromise (IOC) reporting, threat intelligence over Disrupted, Degraded, Intermittent, Latent (D-DIL) links, efficient and empowered courses of action, and restoration to known states.

Type of Event: Program

Location: Charleston, SC

Entry Criteria: Technologies are evaluated based on their capabilities that apply to defenders in the afloat environment.

Challenges: Initiatives must be able to demonstrate value in cybersecurity field and utilize afloat platforms.

Link: https://www.niwcatlantic.navy.mil/antx/cyber-antx

Support the Local Defender!

Capabilities of Interest include:

- Summarize and simplify Indicator of Compromise (IOC) reporting
- Efficiently emit threat intelligence over Disrupted, Degraded, Intermittent, Latent (D-DIL) links
- Allow ashore defenders to describe & recommend Courses of Action in a reliable & timely fashion
- Empower local defenders to automate responses efficiently
- Support efficient system restoration to "known good" states
- Anticipate and "pre-place" capabilities – with sufficiently low learning curve – for local defender execution

When?

Previously held September 6-16, 2022