



ENGAGEMENT QUEUE

High Fidelity Information You Can Rely On

LFWAP Increases Fleet Lethality and Tactical Proficiency to Ensure That We “Own the Fight”

“LFWAP is a tactically relevant and technically challenging live missile firing exercise based on Threat Centric Planning and focused training that stresses the watch team and units’ defense processes for both unit and group. This Live Fire with a Purpose event is designed to build confidence within the watch team by utilizing their tactical systems to correctly employ their weapons against a threat-represented target in both clear and dirty electronic environments. Units conducting LFWAP utilize applicable planning and tactics to defeat missile threats followed by a detailed debrief process utilizing reconstruction and replay tools to support high velocity learning. These missile exercises are critical for our crews and ships to be prepared to defeat the threats those units may encounter while deployed.”

- CAPT Paul Hogue, IAMD Division Director

The Live Fire with a Purpose (LFWAP) Missile Exercise (MSLEX) program has been reinvigorated to increase fleet lethality and tactical proficiency, and now provides a more intensive tactical training experience to the watch teams – to ensure that we “Own the Fight.”

LFWAP events are a shift from scripted-events to scenario-driven events – producing high velocity learning.

- Scenario-driven events provide watch teams an opportunity to increase competence and confidence, and when necessary, flex in situ critical thinking and resiliency to defeat our adversaries. The goal is to complete LFWAP during Surface Warfare Advanced Tactical Training (SWATT).
- Weapons system experimentation can take place during LFWAP events to ensure the Surface Force maintains a competitive advantage over our near-peer threats and adversaries.
- Data analysis and a post-firing assessment are conducted for every LFWAP firing event to provide high velocity learning for each firing ship and to generate lessons learned for the rest of the Fleet.

SMWDC and the LFWAP program directly support increased Navy readiness, capability, and lethality.

- The value of a Warfighting Development Center (WDC) in the LFWAP process is that SMWDC – the WDC for the Naval Surface Force – is uniquely suited to bring together various stakeholders from across the Surface Force to effect change.
- LFWAP provides the Surface Warfare Enterprise an opportunity to examine human, system, and tactics, techniques, and procedures (TTP) performance with an eye toward rapid increases in tactical proficiency, crew confidence, and lethality.
- Results from firing exercises are used to test and validate tactics, assess system performance and identify future training requirements - all geared to achieve high velocity outcomes and increase the lethality of the Surface Force.

Key Messages

- The Live Fire with a Purpose (LFWAP) Missile Exercise (MSLEX) program has been reinvigorated to increase fleet lethality and tactical proficiency and to ensure that we “Own the Fight.”
- LFWAP increases warfighting effectiveness of individual watchstanders, combat watch teams, ships and strike groups.
- SMWDC and the LFWAP program directly support increased Navy readiness, capability, and lethality.

Facts & Figures

- SMWDC is Commander, U.S. Fleet Force’s and U.S. Pacific Fleet’s executive agent for the LFWAP program - increasing Fleet capability and lethality.
- More than 80 surface combatants - including aircraft carriers - completed LFWAP events since the program inception.
 - Combatants have fired 138 Missiles to date - Standard Missile 2 (SM2), Rolling Airframe Missile (RAM), and NATO Sea Sparrow Missiles (NSSM).