



NAWCAD EXPERIMENTATION OFFICE

Date: 2.9.2021

ATE-21 Industry Brief

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WHAT WE DO

Get solutions into the War-Fighters hands.
Better. *Faster.*

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EXPERIMENTATION / DEMONSTRATION

ANTX/Test Ex (ATE)

Advanced Naval Technology Exercise (ANTX)

Forum for rapid prototyping, risk mitigation early in the development cycle, and introduction of advanced capability to the warfighter

- ✓ The Pax ANTX/Test-EX is aligned to the Fleet Design Campaign Plan
- ✓ Holistic Live, Virtual, Constructive (LVC) environment to conduct testing, experimentation, and demonstration
- ✓ Use new acquisition authorities for Accelerated Acquisition
- ✓ Forum for the CTO to conduct initial experimentation for SBIRs
- ✓ Program of Records to conduct experimentation

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EXPERIMENTATION / DEMONSTRATION

NAWCAD ANTX/Test Ex (ATE)

Bringing Together Naval Assets

- ✓ NR&DE Labs
- ✓ Atlantic Test Range & Targets
- ✓ Aircraft
- ✓ Stiletto
- ✓ Gray Hulls
- ✓ FLEX Events
- ✓ Fleet Forces Advisors
- ✓ Program of Records
- ✓ C-38 "Flying Laboratory"
- ✓ Experimentation Tools (JAAR, NSITE)
- ✓ Secure Environment





EXPERIMENTATION / DEMONSTRATION



ANTX Test Ex (ATE) 2021

Initiatives

- ✓ Joint War at Sea
- ✓ Operational Level of Warfare
- ✓ Opportunity for industry, academia, and DoD to conduct experiments in an operationally relevant environment
- ✓ Experimented with NAWCAD Rapid Prototyping Collaboration (RPC) projects in Warfighting Environment
- ✓ Provided Limited Experimentation for Blue Water Maritime Logistics UAS for US Fleet Forces Command (USFFC)/Military Sealift Command (MSC)
- ✓ Aligned NAWCAD capabilities to Fleet Experimentation (FLEX) events
- ✓ Risk mitigation for follow-on experimentation venues for Naval Warfare Development Center (NWDC) NTGe-21



ATE-21

Joint War at Sea

Technology Areas



Resilient Data & Communication Networks



Alternative Position Navigation Timing (alt-PNT)



Autonomous Tools

- UAS Autonomy Technology



UAV Technologies

- Sense & Avoid
- Communications
- Autonomous Operations





PARTICIPATE TODAY

If you would like to participate, please submit your application through IMPAX:

<http://impax.tech/nawc-antx>



SAFEED KILLS



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