

NATO Allied Command Transformation Operational Experimentation (OPEX)



2020 Fact Sheet – SATCOM Acceptance Testing

- Background:** A 2019 and 2020 SATCOM Acceptance Testing supported by an experimentation campaign will allow for an established structure of acceptance testing criteria and tested capabilities in support of cross-DOTMLPFI requirements. This includes supporting the transition from the previous Materiel solution-focused process to new Capability Development processes and potential areas of future SATCOM capability development. Additionally, the experiment will make use of the DOTMLPFI requirements to explore potential solutions that may contribute to concept development and included in analysis of alternatives.
- Mission:** Bi-SC Anti Jamming (AJ) Operational Life Test (OLT) Phase 3: Conduct a comprehensive OpEVAL across DOTMLPFI of Advanced Satcom Network Management and Control system (ASNMC) and Electromagnetic Spectrum (EMS) and validate status of SATCOM Capability.
- Experiment Category:** Classic Experimentation
- Milestones:** Phase 1 in January 2019 baselined the current configuration and performance, and Phase 2 September 2019 technically tested the distributed fully meshed network with simulated jamming threat. The final Phase 3 is delayed but now planned as a DOTMLPFI Tabletop Discussions and OpEVAL in Steadfast Cobalt at the end of September/October. This experiment will build from the previous events and examine the requirements from an operational perspective of a NATO Command Structure. This experiment will include a collaboration of diverse stakeholders that will explore SATCOM operational requirements and potential solutions to support development of the Future SATCOM Capability Concept.
- Headquarters:** NATO Allied Command Transformation
Joint Force Directorate
Operational Experimentation Branch (OPEX)
- OPEX:** OPEX is the intersection between Operators and Innovation. OPEX plans, designs, conducts, and analyses experiments support of concepts and capabilities development. Visit www.act.nato.int/opex-pressroom for more information, or visit us online at the CDE365 Website located on [NATO's Transformation Network](#).
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NATO HQ STRATCOM:

The SATCOM Acceptance Testing experiment aligns under the NATO HQ pillar NATO Protects.

NATO ACT STRATCOM:

The SATCOM Acceptance Testing experiment contributes to SACT's 2020 Objective to Preserve the edge of NATO's military instrument of power over our potential adversaries. We do this by NATO ACT Pillar: We Deliver Capabilities / We Drive Standards.

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