



NATO Allied Command Transformation **Joint Force Development Operational Experimentation**

2021 Fact Sheet – NATO Alliance Ground Surveillance Force

WDI NATO Alliance Ground Surveillance Force (NAGSF) aligns under Allied Command Transformation Warfare Development Imperative (WDI) Integrated Multi-Domain Defence.

Background: This experiment is designed to help advance the effective inclusion of the force’s Joint ISR federated Processing, Exploitation and Dissemination (PED) and aerial collection capabilities in NATO planning and operations. When fully operational, NAGSF will fundamentally change the way NATO tasks, collects, exploits, and shares intelligence, surveillance and reconnaissance (ISR) data. Under the current system NATO is reliant on member nations to fulfil requests for the collection and exploitation of ISR data. NAGSF will not only provide NATO’s first organic platform that can collect Synthetic Aperture Radar (SAR) images and Moving Target Indicator (MTI) data, but will provide near-real time (NRT) and forensic level 1 and 2 PED on all source geospatial and MTI data provided by member nations or collected through its own capabilities. The NAGSF data repository will make all finished products and raw data available to all 30 member nations, streamlining access and improving situational awareness across the Alliance.

Exercising the integration of NAGSF capabilities in exercises is a critical step towards full implementation of all NAGSF capabilities within NATO. This capability integration will enhance understanding of NAGSF’s capabilities throughout the alliance while enabling refinement of the employment procedures for intelligence collection and exploitation. Additionally, lessons identified will support the Force’s progression toward final operational capability in 2022.

Mission: Exercise strategic, operational, and tactical integration of AGS intelligence collection, exploitation, and dissemination capabilities.

Experiment Category: Experiment in Exercises

Headquarters: NATO Allied Command Transformation
Joint Force Development Directorate
Operational Experimentation Branch

OPEX: JFD OPEX delivers transformation to the Alliance through the conduct of controlled investigations that discover information, test hypotheses, and validate concepts before committing significant resources. 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 NATO Alliance Ground Surveillance Force experiment aligns under the 2021 One NATO Brand pillar of NATO Strengthens.

NATO ACT STRATCOM: The NATO Alliance Ground Surveillance Force experiment contributes to Supreme Allied Commander Transformation 2021 Objective #1 – Support NATO’s operations, increase interoperability and readiness; #2 – Mitigate the risk of strategic surprise and global trends; #3 – Preserve the edge of NATO’s Military Instrument of Power over our potential adversaries; #5 – Maintain a permanent fit for purpose and agile ACT.

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