



## **NATO Allied Command Transformation**

# **Joint Force Development Experimentation & Wargaming Branch 2023 Fact Sheet – Human Considerations in Artificial Intelligence for Command and Control: Augmented Near real-Time Instrument for Critical Information Processing and Evaluation (ANTICIPE)**

### **Background:**

In the follow-up of the Science and Technology Office's (STO) Information Systems Technology Panel 157, a new Research Task Group will conduct an experimentation on Human Considerations in Artificial Intelligence for Command and Control (C2), using the Augmented Near real-Time Instrument for Critical Information Processing and Evaluation (ANTICIPE) system, which focuses on the use of an AI-enabled technology prototype to support the development, monitoring, and assessment of Commander's Critical Information Requirements and allow high velocity Decision-Making. This experiment will use Exercise STEADFAST JUPITER 2023 (Ex STJU23) to inform on-going concept and capability development work in the area of decision-making and C2.

### **Aim:**

This experiment aims to use Ex STJU23 to explore how the ANTICIPE affects C2 decision making in complex situations. It will also evaluate how an AI-enabled technology prototype affects command and control decision making, in operations. This experiment will also evaluate how an AI-enabled technology prototype affects the development, monitoring and assessment of an augmented Commanders' Critical Information Requirements process and allows high velocity Decision-Making.

### **WDI:**

Human Considerations in AI for C2: ANTICIPE aligns under Allied Command Transformation Warfare Development Imperatives (WDI) – Cross Domain Command.

### **Category:**

Experimentation in Exercises

### **Sponsor:**

NATO Allied Command Transformation Innovation Branch

### **Headquarters:**

NATO Allied Command Transformation; Joint Force Development Directorate;  
Experimentation & Wargaming Branch

### **EWB:**

JFD EWB delivers transformation to the Alliance through the conduct of experiments and wargames. Visit [www.act.nato.int/ewb-pressroom](http://www.act.nato.int/ewb-pressroom) for more information, or visit us online at the CDE365 Website located on [NATO's Transformation Network](#).

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