

AY 2020-2021 PROSPECTIVE RESEARCH TOPIC NOMINATION

CLASSIFICATION:	UNCLASSIFIED
*RESEARCH TOPIC TITLE:	Countering Unmanned Aircraft Systems (UAS) Networks
*TOPIC DESCRIPTION:	N&NC requires the capability to identify and ultimately eliminate adversary UAS networks operating in its AOR.
*DESIRED OBJECTIVES:	Ability to identify, illuminate, degrade and destroy adversary UAS networks
EXTENDED TOPIC DESCRIPTION :	The ability to counter adversary UAS networks requires the capability to: identify procurement methods (UAS type, vendors, shipping methods, flight software download locations, etc), identify adversary network personnel, identify and interdict communication systems, detect UAS while airborne, legal authorities to interdict UAS in flight, technical ability to interdict UAS in flight and inter-agency processes to coordinate admin and legal action against adversary UAS networks.
* REQUESTING/SPONSORING ORGANIZATION:	N&NC J552 Special Plans Branch
*SUBMISSION DATE:	7 Aug 2020
DESIRED COMPLETION DATE:	December 2021
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AVAILABLE FUNDING, IF ANY:	
COMMENTS:	Recent examples of possibly nefarious UAS activity in the N&NC AOR include the Sep 2019 UAS overflights of the Palo Verde nuclear power plant in Arizona and the Jan 2020 mass sightings of UAS in Colorado. In April 2020 DHS's Customs and Border Protection identified the use of UAS by drug trafficking organizations to smuggle narcotics across the US-Mexican border in Arizona.

PLEASE NOTE: * DENOTES MANDATORY FOR SUBMISSION TO THE DATABASE