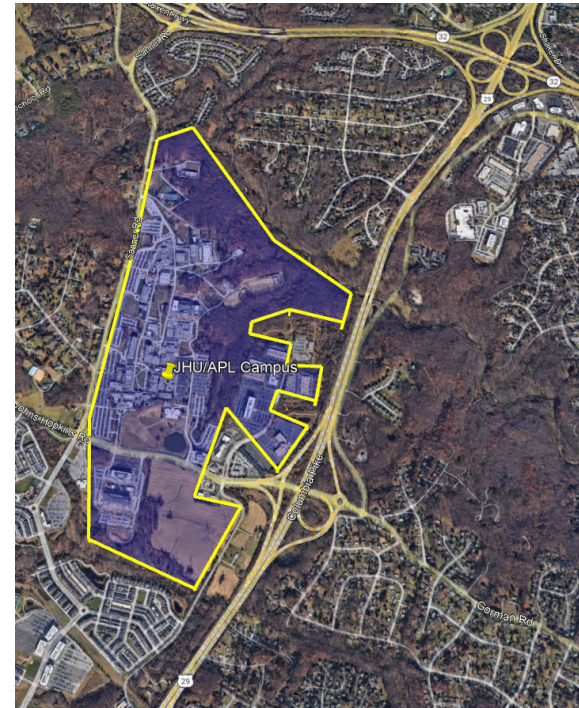


JHU/APL Nav Radar Suite Testing

- Experiment Point of Contact:
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Stephen Jones, Steven.Jones@jhuapl.edu, 240-228-6349
- Background: This Special Temporary Authority (STA) License Application covers research initiated under Naval Sea Systems Command (NAVSEA) Contract N00024-22-D-6404 with the Johns Hopkins University Applied Physics Laboratory (JHU/APL)
- Request is for temporary use of a portion of the RADIONAVIGATION Spectrum (9.3-9.5 GHz) on the JHU/APL Campus near Laurel, MD
- Experiment Description: Up to 3 of a suite of 7 available commercial navigation radars will be operated on the JHU/APL campus to evaluate radar emission detection techniques. Testing will be performed within normal business hours (Monday – Friday, 8:00 am – 5:00 pm EST)
- *Effort is continuation of work initiated under STA WV9XKR, File 0852-EX-ST-2023; Testing under existing STA requires coordination with NASA – no issues/interference has been reported*
- Location Details: The radars will be operated on tripods at fixed locations on the JHU/APL campus, within 1.5 km of 39°10'24"N, 76°53'50"W
- STA License Request Dates: 11/15/2023 – 11/14/2025

JHU/APL Campus



Navigation Radar Test Suite



Simrad 4G



Simrad Halo



Furuno
DRS4D-NXT



Garmin GMR
Fantom 24



Garmin
GMR-6



Raymarine
Cyclone



Raytheon
R20XX