

Purpose for STA Application

Alion Science & Technology will be attending the 2021 Trident Spectre event hosted by Naval Special Warfare Group TEN at the Joint Expeditionary Base Little Creek – Fort Story, VA. We will be demonstrating two systems to the attendees of this event, the Noisy Cricket and The Nano Cricket. These Alion Science & Technology products will be mounted on a commercial boat and emulating the radar systems unique to those boats.

The radar systems we will emulate will likely be the DRS2D Furuno or the Quantum 2 radar by Raymarine. Our system will record the radars signal at X-band and then re-transmit the signal to mimic the radar. This will not disrupt any systems with a similar signature. This is strictly a decoy application.

Links to the two radar systems we intend to decoy can be found on the following page.

Any questions or concerns can be sent to the POC of this demonstration by Alion, Raymond Arbusto at rarbusto@alionscience.com.

Regard,
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ALION

Radar options:

DRS2D Furuno: <https://www.furuno.com/en/products/radar/DRS2D>

Quantum 2 Raymarine: <https://www.raymarine.com/marine-radar/quantum2.html>

