



Sustainable Technology Evaluation and Demonstration (STED) Program

Faraday Signal Blocking Bag Demonstration



Technology Description

Protective bag technology which blocks all wireless signals, including cellular, GPS, RFID/NFC, Bluetooth, Wi-Fi, EMF radiation, electromagnetic pulse (EMP), and solar flares

Potential Impact

- Increases Operational Security.
- Instantly blocks all wireless signal, secures location data, and prevents inbound and outbound wireless communication.
- Prevents the risk of remote device tampering.
- Protects electronic devices and communication equipment from unseen threats such as EMP.
- Also available in submersible drybags to increase electronic device safety for maritime operations.

Benefits

- Reduces risk of compromised electronic equipment.
- Made from hi-tec upcycled textiles.
- Exceeds MIL-STD-188-125-2 and IEEE 299-2006 testing standards.

Demonstration Sites

- U.S. Navy SEAL Team ONE
- Naval Health Research Center

For additional information please contact:

- osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil
- Department of Defense (DoD) Sustainable Products Center (SPC):
<https://www.denix.osd.mil/spc/index.html>



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