

ELECTRIC SEARCH AND RESCUE (ESAR)

Fully electric small watercraft supporting multiple missions

Problem: Military small watercraft that are powered by internal combustion engines create logistic, maintenance, storage, detection, crewing, and environmental challenges.

Solution: Prototype high-power, electric small craft capable of navigating high sea states via reduced or optional crews on missions ranging from SAR to insert/extract to payload delivery.

Impact:

- Enhanced operational flexibility and reduced logistical and maintenance burden by strategic, operational, and tactical users.
- A pathway to test and field larger platform electrification throughout DoD

