SPY-1 Analog Switch Tubes

Solid State SPY-6 Trimm (S-Band)

Solid State SPY-3 Trimm (X-Band)

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SPY-1 Radar Waveguides

Waveguide switches

SPY-6 Computer Cabling

Replaceable Modular Unit

Distributed Receiver/Exciter (DREX)

TRIMMs

No waveguide; Distributed transmitters integrated on Array

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UKY-43 Early Digital

Common Processing System (CPS) Cabinet

Distribution A – Approved for Public Release
Steam Boiler
Gas Turbines – LM 2500 GT

Electric Drive

Water Cooled Induction Motor

HED Converter

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Aircraft Carrier Steam Catapult: F-14 Tomcat preparing to connect to a catapult on USS Saratoga (CV-60)

Electromagnetic Aircraft Launch System (EMALs)
Conventional Guns

Electric Weapons

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NAVSEA Warfare Centers at a Glance

Warfare Center Quick Facts

- ~22,060 diverse and highly educated employees focused on innovation (~14,700 scientists, engineers, and technicians with ~600 Ph.D.s)
- 128 unique Technical Capabilities (TCs) across 10 Divisions
- Operates under the Navy Working Capital Fund (NWCF) business model
- Disciplined process for accepting and assigning the right work to the right WC Division based on TCs
- Part of the Naval Research & Development Establishment (NR&DE)
- Size of the workforce is based on the funded workload
- Performs work our industry partners can’t, won’t or shouldn’t do.
- Maintains more than 164 unique RDT&E facilities

Distribution Statement A – Approved for Public Release