

SEWIP / AN/SLQ-32(V) Electronic Warfare System Overview & Program Status

13 January 2022

CAPT Jason Hall

Major Program Manager

PEO Integrated Warfare Systems,
Above Water Sensors and Lasers
(PEO IWS 2.0)

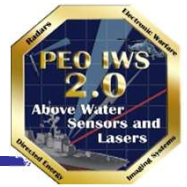
CAPT Jesse Mink

EW and EO/IR PAPM

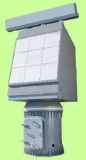
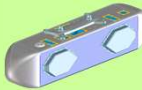


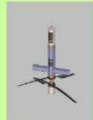
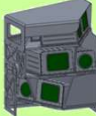



















PEO Integrated Warfare Systems,
Above Water Sensors and Lasers
(PEO IWS 2.0)



PEO IWS 2.0 Overview

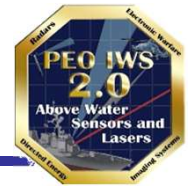


PEO IWS 2.0 acquires and delivers war winning radars, lasers and EW systems to the hands of our Sailors

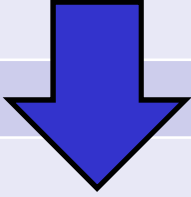
Development Systems	Production Systems	In-Service Systems
 <p>AN/SPY-6(V)2/3 EASR</p>  <p>AOEW ACAT II</p>  <p>MMR</p>  <p>NGSSR</p>  <p>HELIOS</p>  <p>LEED (New Start)</p>  <p>SPEIR ACAT II</p>  <p>ODIN</p>  <p>FXR (New Start)</p>  <p>SEWIP Block 3 Lite (Proposed)</p> <p>AN/SPY-6 Backfit AN/SPY-6 FFG</p>	 <p>AN/SPY-6(V)1 AMDR ACAT IC</p>  <p>SPY-3</p>  <p>AN/SPY-1D(V)</p>  <p>DBR</p>  <p>MMSP</p>  <p>AN/SLQ-32(V)6 ACAT II</p>  <p>AN/SPQ-9B ACAT III</p>  <p>AN/SLQ-32C(V)6 ACAT IVT</p>  <p>AN/SLQ-32(V)7 ACAT II</p>	 <p>ANSPY-1A/B/D</p>  <p>AN/SPS-48</p>  <p>AN/SPS-67</p>  <p>AN/SPS-49</p>  <p>AN/SPS-73</p>  <p>Legacy AN/SLQ-32</p>  <p>NULKA</p>  <p>AN/SAY-3 Stalker</p>  <p>AN/SLQ-32(V)4 ESE</p>



SEWIP / AN/SLQ-32(V)

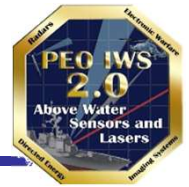


- SEWIP = Surface Electronic Warfare Improvement Program
 - It is the Program that produces incremental capabilities to the SLQ-32 system
 - AN/SLQ-32 = the Electronic Warfare system installed onboard ships

Block	Incremental Capability Improvement	Installed System Name
N/A	Legacy	AN/SLQ-32
1B1	Specific Emitter Identification (SEI)	
1B2	SEI and Display upgrades	
1B3	High Gain High Sense (HGHS)	
2	Enhanced Electronic Support (ES)	AN/SLQ-32(V)6
2 lite	Enhanced ES for SWaP challenged	AN/SLQ-32C(V)6
3	Enhanced Electronic Attack (EA)	AN/SLQ-32(V)7



AN/SLQ-32(V)6 Overview & Status

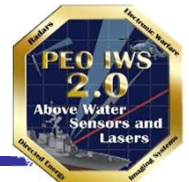


- **Mission:** Provides enhanced Electronic Warfare (EW) detection and accuracy capabilities to improve anti-ship missile defense, counter targeting, counter surveillance, and battlespace awareness
- **Capability:** Enhanced Electronic Support (ES) via upgraded ES antenna & receiver and open combat system interface
- **Configuration:** Conjunctive install of:
 - Block 1B2 SEI
 - Block 1B3 HGHS
 - Block 2 ES
- **Developer/Manufacturer:** Lockheed Martin (Block 1B3/2)
- **Program Status**
 - In Full Rate Production





AN/SLQ-32(V)7 Overview & Status



- **Mission:** Substantially upgrades the AN/SLQ-32(V)6 by providing Electronic Attack (EA) capability
- **Capability:** Enhanced Electronic Attack (EA) via addition of upgrade EA transmitter & receiver and advanced techniques to keep pace with the evolving anti-ship missile threat
- **Configuration:** Conjunctive install of:
 - Block 1B2 SEI
 - Block 1B3 HGHS
 - Block 2 ES
 - Block 3 EA
- **Developer/Manufacturer:** Northrop Grumman (Block 3)
- **Program Status**
 - Engineering Development Model installed at SCSC Wallops Island and conducting land-based testing
 - 1st Low Rate Initial Production installation on DDG Flight IIA in process



AN/SLQ-32(V)7
Engineering Development Model

