

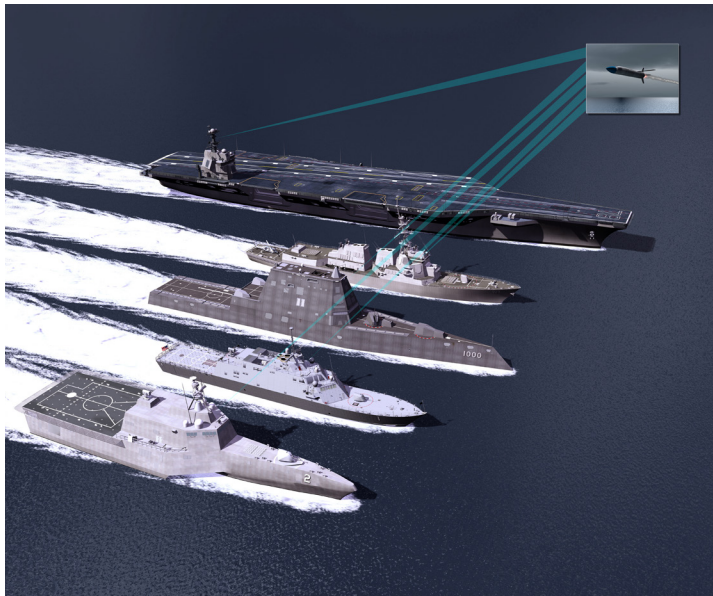
**SURFACE ELECTRONIC WARFARE
IMPROVEMENT PROGRAM (SEWIP)**
PROTECTING THE FLEET

LOCKHEED MARTIN
We never forget who we're working for®



ELECTRONIC WARFARE IMPROVEMENTS TO PROTECT THE FLEET

With more than 40 years of Integrated Electronic Warfare experience, Lockheed Martin provides solutions needed to address urgent and evolving threats facing our warfighters. With innovative technologies and affordable capabilities, we partner with our customers to enable electromagnetic spectrum dominance across all domains – on Land, at Sea, and in the Air.



The U.S. Navy is providing an evolutionary succession of enhancements to the AN/SLQ-32 electronic warfare system currently installed on its ships through its Surface Electronic Warfare Improvement Program (SEWIP).

There are currently three established block upgrades and a fourth is planned. Block 2 (p/o AN/SLQ-32(V)6) is in full rate production with Lockheed Martin.

2008

As a subcontractor to General Dynamics, Lockheed Martin wins contract award to develop High Gain High Sense Subsystem (HGHS)

2009

Lockheed Martin wins contract award to develop SEWIP Block 2

2010

SEWIP Block 2 successful Preliminary Design Review (PDR)

2011

SEWIP Block 2 successful Critical Design Review (CDR)

2012

SEWIP Block 2 formal qualification test complete



OPERATIONAL ADVANCES

- ✓ Expanded frequency coverage
- ✓ Precision Angle of Arrival (AoA)
- ✓ Increased sensitivity
- ✓ Improved operation in dense RF environments
- ✓ Advanced EMI protection

SIGNIFICANT COST BENEFITS

- ✓ Maximum commonality between platforms
- ✓ Lower life cycle cost
- ✓ Flexible installation options
- ✓ Scalable open architecture
- ✓ Enhanced reliability

◀ SEWIP installed on
USS BAINBRIDGE DDG 96

2013

First SEWIP Block 2 system delivery

Lockheed Martin awarded SEWIP Block 2 low rate initial production contract

2014

First AN/SQ-32(V)6 installed on DDG 96 for US Gov't & shipboard at sea testing

Lockheed Martin awarded contract for additional SEWIP Block 2 production systems

Lockheed Martin and Government Team demonstrate SEWIP for LCS variant performance at sea

2015

Continued SEWIP Block 2 production

Lockheed Martin delivers 9th SEWIP Block 1 production system to General Dynamics

2016

Continued SEWIP Block 2 production

Lockheed Martin awarded SEWIP Block 2 full rate production contract

WE'RE ENGINEERING A BETTER TOMORROW

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