Guided Missile Frigate (FFG 62) Update
Sea Air Space

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Guided Missile Frigate (FFG 62) Program Description

Mission:
Anti-Submarine Warfare, Surface Warfare, Electromagnetic Maneuver Warfare, and Air Warfare

Description:
FFG 62 is an agile, multi-mission platform designed for operation in littoral and blue water environments

Employment:
Operate independently or integrated with a Task Force to conduct offensive and defensive Surface, Anti-Submarine, and Air Warfare
Program Focus

- Frigate Class Detail Design → Critical Design Review 2QFY22
- FFG 62 Lead Ship Construction → Production Readiness Review 3QFY22
- FFG 64 Third Ship Option → USS CHESAPEAKE 3QFY22
- Fincantieri Capital Improvement → Marinette WI and Sturgeon Bay WI
- AEGIS Combat System Integration → Moorestown NJ and Wallops Island VA
- Propulsion Land Based Engineering Site (LBES) Development → NSWC Philadelphia PA
Acquisition Approach

Conceptual Design
Collaboratively incorporate U.S. Navy requirements into parent design

Source Selection - RFP
Evaluate Best Value of proposed FFG(X)
Award

Detail Design & Construction
Validate FFG 62 meets requirements, develop production packages, build

Full and Open Competition

Risk Reduction with Parent Hull
Key U.S. Navy Combatant Standards, Combat Systems, and C4I
Production Readiness (People, Process, Product): Fincantieri Production Plan – System of Yards

Fincantieri Marinette Marine • Marinette, Wisconsin

Fincantieri Bay Shipbuilding • Sturgeon Bay, Wisconsin

Fincantieri ACE Marine • Green Bay, Wisconsin

Production Plan – System of Yards
Fincantieri Marine Group (FMG)
Shipyard Capital Improvements

• Major upgrades and expansions underway to support FFG 62 Class

Marinette WI

Sturgeon Bay WI
Risk Reduction via Early Integration Test: Land and At-Sea Integration Testing

C4I

Combat Systems

HM&E

Aviation

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Land Based Engineering Site

• **Background**
  – FY21 NDAA directed SECNAV to report on the plan to establish a Land Based Engineering and Test Site (LBES)
  – PB22 budget supports development of equipment specifications, site preparation, and test planning
  – LBES aids in the risk reduction of propulsion architecture, and operation and control

• **Status**
  – LBES requirements have been developed and are in final stages of Frigate PMO approval
  – LBES site planning, plant design, and equipment specifications are being developed by Navy Installation, and approved by Frigate PMO – process is currently underway
  – FFG 62 LBES activities began in FY2021 in order to support planned initial operational capability (IOC) for the class in FY2029
  – Navy is on target to begin procurement of long lead time plant components and test equipment Q4 FY2022
Questions?