Sea Air Space 2018

9 April 2018

RADM John P. Neagley
PEO Unmanned & Small Combatants

Transition to PEO USC
Frigate (PMS 515)
Dr. Regan Campbell, Program Manager
Accelerate and Innovate - FFG(X)

6 Year Acceleration of Affordable Contract Award enabled by:
- Parallel vice serial requirements evaluation process
- Industry engagement
- Clear shipbuilder requirements
- Requirement for Parent designs
- Use of common and mature Government Furnished Equipment (GFE)

<table>
<thead>
<tr>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
<th>FY24</th>
<th>FY25</th>
<th>FY26</th>
<th>FY27</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Traditional SSC(X) Acquisition Process</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exploratory Design</td>
<td>Pre-AoA</td>
<td>AoA</td>
<td>Pre-Prelim Design</td>
<td>Preliminary Design</td>
<td>Contract Design</td>
<td>RFP and Competitive Award</td>
<td>Detail Design and Construction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FFG(X)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FFG RET Standup</td>
<td>Sys-Spec Development</td>
<td>Contractor-led Conceptual Designs</td>
<td>Competitive Award</td>
<td>Detail Design and Construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Ship Production/Post-Delivery Status

- **PSA (PSA Start through OWLD):**
  - 5 ships (LCS 5, 6, 7, 8, 10)

- **PDT&T/ CSSQT (CMA through PSA start):**
  - 3 ships (LCS 9, 12, 14)

- **Under Construction (Start Fab through CMA):**
  - 14 ships (LCS 11, 13, 15 - 26)

- **Pre-Construction (Award through Start Fab):**
  - 3 ships (LCS 27, 28, 30)
Trials & Live Fire

LCS 10 AT

SeaRAM Firing

LCS 9 AT

LCS 10 CSSQT

LCS 12 AT

LCS 14 AT
Commissioning

LCS 12

LCS 9
LCS Mission Modules Program

• Testing Completed in FY18:
  – Torpedo Defense Mission Module testing aboard a white ship at the Canadian Forces Maritime Experimental & Test Ranges (CFMETR)
  – Coastal Mine Reconnaissance DT/OT testing on LCS 4

• Testing Planned for FY18:
  – SSMM on LCS 5 transitioning to LCS 7 this summer to support IOC in early FY20
MH-60S helicopter w/ AMNS mission during TECHEVAL

Contractor Testing of the EMM PPTA to test end-to-end L&R and tow operations prior to contract award

AMNS / ALMDS

30 mm Gun

MFTA

Maritime Security

Knifefish

UISS/MCM USV Contractor Testing

MCM detachment unloading AN/AQS-20 sonar during TECHEVAL
Mine Warfare (PMS 495)
CAPT Danielle George, USN
Mine Warfare - Current
Mine Warfare - Future
Unmanned Maritime Systems (PMS 406)
CAPT J on Rucker, USN
Accelerate

Innovate

Deliver