



OPERATIONAL TEST
AND EVALUATION

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INFO MEMO

FEB 18 2015

FOR: SECRETARY OF DEFENSE

FROM: J. Michael Gilmore, Director, Operational Test and Evaluation *J. M. Gilmore*

SUBJECT: Report on the Test and Evaluation Master Plan for Littoral Combat Ship Seaframes and Mission Modules as directed by Section 124 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015

- I have attached at TAB A the report on the progress of the Navy with respect to the Test and Evaluation Master Plan (TEMP) for Littoral Combat Ship (LCS) Seaframes and Mission Modules required by Section 124 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015. In the report I observe the following:
 - Because program plans for the out-years were not firm, I partially approved the current TEMP in June 2013 as it only described the testing for the Increment 1 Mine Countermeasures (MCM) mission package, the Increment 2 Surface Warfare mission package, and the Increment 2 Antisubmarine Warfare mission package adequately. The Navy is in the process of updating the TEMP to cover the remainder of the increments and planned upgrades. I will approve the updated TEMP once it is adequate.
 - The Navy is finding it difficult to fulfill the plan detailed in the approved TEMP. The integration of concurrently developed components into the MCM mission package has not been as easy as originally planned, and the Navy has appropriately decided to conduct additional developmental testing after making system changes to attempt to correct the identified problems with subsystem performance. Decisions to include the ships in major fleet exercises and to press for establishment of a continuous, multi-LCS presence in Singapore in FY17 are also reducing the pool of ships available to participate in the test program. Thus, the Navy is finding it difficult to meet the simultaneous demands for LCS fleet operations, both forward deployed and in home waters, as well as mission package development and the necessary developmental and operational testing.
 - If the Navy executes the operational testing as prescribed in the updated TEMP, there will be sufficient data at the end of the test program to be able to assess whether the ships and their mission packages are operationally effective, operationally suitable, and survivable. However, completion of the test program does not guarantee that the ships and mission packages will be found to be operationally effective, operationally suitable, and survivable. Those evaluations will depend upon whether the test results indicate Sailors can successfully use the



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ships and mission packages to perform the combat missions the Navy has prescribed for the programs.

- I will provide copies to the Under Secretary of Defense for Acquisition, Technology and Logistics; the Secretary of the Navy; the Vice Chairman of the Joint Chiefs of Staff; and the Chairmen and Ranking Members of the Congressional defense committees.

COORDINATION: None

Attachment: TAB A

Prepared by: (b)(6)