CALL FOR PAPERS

Theme: Maintaining Maritime Superiority through Improved Maintenance and Modernization Responsiveness

Specific topic areas:

- Effective continuous maintenance employment in the era of operational unpredictability
- Employing innovative Material Condition Assessments to prioritize investment decisions
- Investing today to achieve or exceed design service life & reduce maintenance
- Contracting strategies that yield improved readiness without adding cost
- Implementing Flexible Warship Initiatives now to reduce future modernization costs & increase operational availability
- Using technology to support readiness throughout extended and distributed operations
- Managing knowledge to better spare, maintain, repair and operate increasingly complex & integrated systems
- Modernizing for Energy Reduction
- Innovating cybersecurity upgrades to reduce integration and implementation time and cost
- Using more reliable components to decrease maintenance cycle frequency
- New approaches to scheduling & maintenance to better accommodate changing operational schedules
- Employing a defendable business case to ensure total ownership cost (TOC) is understood and prioritized throughout the life of the ship
- Configuration Knowledge vs Configuration Control — improving decision making, promoting commonality while reflecting accurate ship configurations
- Extending equipment inspection and assessment periodicity to align with the 36-month operational cycle
- Improving our speed to capability. How do we get capability into the hands of the warfighter as rapidly as possible?
- Where to invest in private and/or public shipyards to improve capacity, capability and on-time delivery
- Optimizing repair/modernization package scoping/sizing to improve on-time delivery. Are there lessons to be shared between Navy, USCG and commercial vessel operators?

To submit an abstract or for technical paper guidelines please visit: www.fmms2019.org. All questions should be sent to FMMS 2019 Technical Papers Chair: Thomas Hekman at fmms2019@navalengineers.org

IMPORTANT DATES

Abstracts Due: May 6, 2019
First Drafts of Papers Due: June 7, 2019 | Final Drafts of Papers Due: July 12, 2019

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