

Fleet Maintenance & Modernization Symposium (FMMS 2014)

Delivering Readiness in Austere Times

**Virginia Beach, Virginia, USA
9-10 September 2014**

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Fleet Maintenance & Modernization Symposium (FMMS) 2014
"Delivering Readiness in Austere Times"

September 9-10, 2014
Virginia Beach Convention Center
Virginia Beach, VA

Proceedings Only:

Submarine Intermediate Maintenance Metrics, Part II
Maurice Montana (Commander, Submarine Force, U. S. Atlantic Fleet), Joseph M. Bradley (Leading Change, LLC), Gregory Burton (Commander, Submarine Force, U. S. Pacific Fleet), Frank Tesoriero (NAVSEA), Kevin MacG. Adams (University of Maryland University College)
Paper

Tuesday, September 9

Opening Keynote Address

Mr. Mark Honecker (SES), Executive Director/Chief of Staff, U.S. Fleet Forces Command

Panel I Discussion: The View from the Deckplates
Senior Enlisted Leadership invited in collaboration with Fleet Master Chief

Luncheon Keynote in Partnership with Virginia Ship Repair Association (VSRA)

VADM Thomas Rowden, USN; Commander, Naval Surface Forces, U.S. Pacific Fleet

Technical Papers Session 1

Track 1: Management and Operations
Moderator: John Duvall, McKean Defense

1345 - 1420: The U.S. Government's Role in the Ship Repair Industry
CAPT Nathan A. Moore, USCG (Chief, Office of Naval Engineering (CG-45))

1425 - 1500: Leveraging Mobile Technology to Facilitate Collaboration Between Shipyards and the Navy Customer for Improved Delivery Cycle Time

Jeb Baugh (Praeses, LLC), Robert Parker (Praeses, LLC), LCDR Ashley Fuller (NAVSEA Det Adelaide (PEO-IWS 4.0 FMS))

Track 2: Innovative Systems and Solutions

Moderator: John Seraydarian, NorthTide Group, LLC

1345 - 1420: Marine Power Systems – A Value Driven Engineering Philosophy for Navy Surface Ships

Michael J. DiTaranto (NAVSSSES), Nicholas R. Dewey (NAVSSSES), Johnny Walker (Thor Solutions LLC), Ernest Woodward (Iron Wind LLC), Sam Samimi (SEA 21)

1425 - 1500: Gaining Energy Efficiencies in the Fleet by Meeting Existing Requirements and Integrating Innovative Ideas

Monique Kadmiri (SWRMC)

Track 3: Service Life & Total Ownership Cost

Moderator: Ray Weber, BAE Systems

1345 - 1420: FFG-7 Class Frigate Harvesting Project

E. Alan Karpovitch (NAVSSSES Code 911), Ashley Auteri Ferguson (NAVSSSES Code 933)

1425 - 1500: Maximizing Value Across the Lifecycle of Long-Lived Capital-Intensive Assets

CAPT Michael L. Malone (SURFMEPP), Christopher S. Trost, Courtney Firestone, Tom Mullen (PA Consulting Group), Dr. William K. Krebs (Office of Naval Research)

Technical Papers Session 2

Track 1: Maintenance Planning Strategies

Moderator: Michael Daley, AMSEC LLC

1600 - 1635: NAVSEA's Condition Based Maintenance Plus (CBM+) Initiative: Striving for Affordable Life Cycle Maintenance

Marc Borkowski (SEA 04), Ronald Graffius (SEA 04), William Berneski (CACI), Rosemary Gaffney (CACI)

1640 - 1715: Predicting the Final Cost at Completion (FCAC) for Overhauling a Ship

Tom Hammock, Han Bao (Old Dominion University)

Track 2: Innovative Systems and Solutions

Moderator: John Seraydarian, NorthTide Group, LLC

1600 - 1635: Improving Wind Heel Stability Management for CG and DDG

Availabilities

Jon Walsh (MHI)

1640 - 1715: Sea Chest Inspection System Development and Qualification. An Improved Solution for Examination of Navy Ships Waster Sleeves with Thickness Measurement and Photo Mapping

Juan Sevillano, Robert Lohe (Phoenix International Holdings Inc.)

Track 3: Service Life & Total Ownership Cost

Moderator: Sam Wennberg, McKean Defense

1600 - 1635: Flexible Ships: Affordable Relevance Over the Lifecycle

Glen H. Sturtevant, Lance Flitter (NAVSEA), Jeff Voth, Heath Marshall (Herren Associates)

1640 - 1715: Naval Ship Structure Service Life Considerations

Karl Stambaugh, Chris Barry (U.S. Coast Guard Surface Forces Logistics Center)

Wednesday, September 10

Panel II Discussion: Readiness vs. Funding Tradeoffs – Balance vs. Risk

Moderator: VADM David Architzel, USN (Ret.)

RADM Richard Berkey, USN; Fleet Maintenance Officer, U.S. Fleet Forces Command

RADM David Lewis, USN; Commander, SPAWAR

RDML Joseph Vojvodich, USCG; Director of Acquisition Programs & Program

Executive Officer (CG-93)

Technical Papers Session 3

Track 1: Maintenance Planning Strategies

Moderator: CAPT Rick Schwarting, USN (Ret.), BAE Systems Ship Repair

1030 - 1105: Re-Imagining the Navy's Planned Maintenance System
Marc Borkowski (SEA 04), Andy Kelly (SEA 04), Jeffrey Baur (Fleet Forces Command), Vincent Martinez (Antech Systems Inc.)

1110 - 1145: Total Ownership Cost Reduction for Complex Systems through the Design and Application of CBM
Jeffery Banks, Mitch Lebold, Karl Reichard, Matt Lukens (Penn State ARL)

Track 2: Innovative Systems and Solutions
Moderator: John Seraydarian, NorthTide Group LLC

1030 - 1105: Ship Repair of Sensitized 5XXX Series Aluminum
Jared Springer, Tina Burke, Dave Norris (BAE Systems Norfolk Ship Repair), Dr. Kim Tran, Caroline Scheck (NSWC, Carderock)

1110 - 1145: Guided Missile Destroyer Strut Barrel Restoration
Ramon Baez, Roy McCausey, Justin Jewell (BAE Systems Norfolk Ship Repair), Jeremy Gephart (NSWCCD-SSES, Code 932), Mark Kirkland (Collins Machine Works), Phuong Hoang, Shireen Blau (BAE Systems San Diego Ship Repair), Kelly Sullivan (NSSA, Code 200)

Track 3: Assessing Material Condition
Moderator: CAPT Bob Perry, USN (Ret.), AMSEC LLC

1030 - 1105: Corona: Supporting Navy's Decision Making
Eric Stailey (NSWC Corona)

1110 - 1145: Intelligent Asset Management for Submarines and Ships Through Embedded Intelligence
David Flynn, David Lofting, George Fagogenis, David Lane, Dr. Paul Record, David Herd (Heriot-Watt University), Niall Skinner (MacTaggart Scott Ltd)

Luncheon Keynote in Partnership with Tidewater Area Service Contractors (TASC)

VADM William Hilarides, USN; COMNAVSEA

Panel III Discussion: Readiness Impacts from High Op Tempo
Moderator: RADM Jeffrey Brooks, USN (Ret.), General Dynamics NASSCO-Earl Industries

RDML William Galinis, USN; Commander, Regional Maintenance Center
RDML Michael Haycock, USCG; Assistant Commandant for Engineering & Logistics (CG-4)
Mr. Greg Sanford, Deputy, INSURV