DDG 51 Brief for Surface Navy Association (SNA)

“Sea Power to the Hands of Our Sailors”

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DDG 51 Flight III – Why USN Needs it Now

- Answering the War Fighter’s Request for Improved Radar Capability
- Improved Threat Discrimination and Raid Negation Capability

Top Tier Surface Combatant for next 30 Years
Team approach to program execution
- Monthly focus day with Navy and MDA program managers
- Frequent and open engagement on program challenges

Implementing lessons learned from prior programs
- Limiting scope of “New Inventions” to SPY-6 Integration
- Demonstrating combat system / radar integration at development site prior to shipboard installation

Rigorous use of an Integrated Master Schedule (IMS)
- All program schedules auto-generated from the IMS
- Updated monthly to ensure effectiveness as management tool

Systematic “burn down” of risks
- Investment up front to mitigate Red risks
- Early prototyping to inform combat system design
Enabling the Warfighter

Common Source Library

Air Defense Cruisers
Modernized IAMD Destroyers
New Construction IAMD Destroyers
Flight III Destroyer

Minor Capability Update Development
Major Capability Upgrades Development

Build Once...Deployment to Multiple Ship Configurations

Distribution Statement A: Approved for Public Release; Distribution unlimited.
Common Source Library Enables...

- Reuse and commonality within combat system families for modernized and new construction ships
- Includes Computer Program fixes plus planned new capabilities - “Once vice Many”
- Enables rapid deployment of capabilities to pace threats
- Consolidated and tailored test approach
- Reduction in Total Ownership Cost

CSL is the Foundation for all AEGIS Developments – Establishes a Continuous Sustainment Model

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