

***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



Combat System: On Schedule to Deliver!

- 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



*Air Defense
Cruisers*



*Modernized
IAMD
Destroyers*



*New Construction
IAMD Destroyers*



*Flight III
Destroyer*

Common Source Library

*Minor Capability Update
Development*

*Major Capability Upgrades
Development*

Build Once...Deployment to Multiple Ship Configurations



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***