Warfighter Performance: Integrating HSI into System Design

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8 Nov 2010

# Seven Domains of HSI

## Human Systems Integration

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**ENHANCE TOTAL SYSTEM PERFORMANCE WHILE REDUCING LIFE-CYCLE COST**
HSI Impacts

USS Grayback
Five sailors drowned in diving hangar
Today: Engaging HSI

- Congressional earmark to establish SEAPRINT (2005)
- HSI Directorate included in Systems Engineering (NAVSEA 05) (2007)
- HSI incorporated into DoD Inst 5000.02 (2009)
- OPNAV INSTRUCTION 5310.23 on Navy Personnel HSI (2008)
- NAVSEA stands up HSI IPT (2010)
Changing Navy
Supporting USW in the joint environment with the development of a scalable and flexible mix of sensors, platforms, and systems for now and the future
HSI in the Early Stages of Design

Enables Distributed Designers to Rapid Prototype in Real-Time