

Discussion
Systems Technology
SIP Sub-initiatives

2005 ST SIP Sub-initiatives

- CAM Interfaces
- Interoperability Architecture
- Evolution of STEP Concept
- Advanced Design, Simulation, Analysis, Estimating
- Database Integration, Access, & Security
- Electronic Work Products
- Product Unique Identification and Radio-Frequency Identification
- As-Built Information Capture
- Legacy Data
- Parts Library, Catalog System: Full Deployment

2010 Possible ST SIP Sub-initiatives

- Standards-based open architecture (e.g., SCIM, AP)
- Shipyard integration (within a shipyard, e.g., CAM interfaces)
- Shipyard collaboration (interoperability among shipyards)
- NAVSEA Collaboration (e.g. interoperability of conceptual, preliminary, and contract design data between the shipbuilders and NAVSEA)
- Data (incl NAVSEA Delivery) (e.g. the delivery of the as-designed, as-built, configuration managed data suitable to support sustainment, repair, and other post-construction activities)

Prior Major Projects

- Practical Applications of Design for Producibility
- Improved Methods for Generation of Full Ship Simulation/Analysis Models
- Improved Methods for Generation of Full-Ship Simulation/Analysis Models
- Shipyard Design Tool Enhancement III
- Shipyard Design Tool Enhancement
- Integrated Shipbuilding Environment (ISE)
- Enabling Shipbuilding Interoperability (ISE-6)
- Integrated Steel Processing Environment (ISPE)
- Harvest: Finishing the Ship Product Models

Prior ST Panel Projects

- Interim Ship Common Information Model Implementation
- Design-Analysis Data Management Capabilities for Composite Materials Used in Ships
- Modifications for ISO Standards
- Full Ship Analysis Model Generation
- STEP-NC Application for Steel Production in Shipbuilding
- Improving the Use of Shipyard Work Orders
- Mobile & Wireless Expansion of Shipyard Systems
- Reusing Ship Product Model Data
- STEP Ship Test Case Enhancements