

**SHIP CHANGE DOCUMENT
PHASE I**

CHANGE TRACKING NUMBER _____ **Recommend Expedite**

DATE: _____ **CLASSIFIED/NOFORN:** YES _____ NO _____

1. SHIP CHANGE TITLE: _____

2. APPLICABLE SHIP/SHIP CLASS/SITES (INCLUDES SHORE FACILITIES): _____

3. RECOMMENDED SCD:

a. Scope: (Check all that apply)

- Internal Equipment Modification
- Ship Modification
- Site Modification

b. Category (Check all that apply)

- HM&E
- C4I
- CS
- Computer Program/Software

c. Duration

- Permanent
- Temporary

d. Funding

- Program
 - Joint
- Fleet
 - Joint

4. INITIATING POINT OF CONTACT: NAME__ ACTIVITY ____ CODE__ PHONE__ EMAIL__ DATE__ N/A__

5. SUBMITTING POINT OF CONTACT: NAME__ ACTIVITY/CODE ____ PHONE__ EMAIL__ DATE__

6. PARM POINT OF CONTACT: NAME__ ACTIVITY/CODE ____ PHONE__ EMAIL__ TBD ____

7. TYCOM POINT OF CONTACT: NAME__ ACTIVITY/CODE ____ PHONE__ EMAIL__

8. TECHNICAL POINT OF CONTACT: NAME__ ACTIVITY/CODE ____ PHONE__ EMAIL__

9. DESCRIPTION OF CHANGE: _____

10. IMPACT IF NOT ACCOMPLISHED: _____

11. REQUIREMENTS AND JUSTIFICATION OF CHANGE (CITE DOCUMENT/REQUIREMENT IN NARRATIVE BOX)

- Statutory Requirement
- Legislated Regulatory Requirement
- Environmental Requirement
- Proposed Military Improvement
- Proposed Survivability Improvement
- Reduction of Total Owner Ship Costs (R-TOC)
- Battle Force Interoperability (BFI)
- Safety
- Mandatory Safety
- QOL/QOS
- Restoring Margins
- Contract Defect
- Unavailable, Obsolete or Unreliable Equipment
- Testing and Trial Deficiency

SHIP CHANGE DOCUMENT PHASE I

- Top Management Attention/Top Management Initiative (TMA/TMI)
- Aviation Capability and Air Wing Compatibility
- Anti-Terrorism/Force Protection
- Other

Need/Purpose Narrative:

12. DISTRIBUTIVE SYSTEMS/OTHER IMPACTS (Check at least one box)

	Yes	No
AC Plants/Chilled Water		
Electric Generation and Power Distribution Systems		
Topside Design/Mast Structure		
Fiber Optic Cable Plant		
Firemain		
Weight & Moment Change		
IC Switchboard & Database Multiplex System		
Electrical (400 Hz)		
Potable Water		
Fuel System		
Air Systems		
Networks		
IC Circuits		
HVAC		
Ships Characteristics Document change required		
Ship/Aviation Integration		
Storage Requirements		
Dry Docking Required		
Certification Required		
SUBSAFE		
Space Configuration		
Damage Control		
Software		
Weapons Systems		
Human Systems Integration (HSI)		
Hangar Bay/Flight Deck Encroachment		
Integrated Logistics Support (ILS)		
Prior/Concurrent/Conjunctive Alts		
Ordnance Handling/Storage		
Other (Systems/Equipment/Sites):		

13. AFOM

SEA SHIELD

Force Protection

- Protect against SOF & Terrorist Threats
- Mitigate effects of CBRNE

Surface Warfare

- Provide Self Defense against Surface Threats
- Conduct Offensive Operations against Surface Threats

Under Sea Warfare

- Provide Self Defense against Subsurface Threats
- Neutralize Submarine threats in the Littorals
- Neutralize open oceans Submarine Treats

SHIP CHANGE DOCUMENT

PHASE I

- Counter Minefields from deep to shallow water
- Breach Minefields, Obstacles, and Barriers from very shallow water to the beach exit zone
- Conduct Mining Operations
- Theater Air and Missile Defense
 - Provide Self Defense against Air and Missile Threats
 - Provide Maritime Air and Missile Defense
 - Provide Overland Air and Missile Defense
 - Conduct Sea-Based Missile Defense
- Sea Strike
 - Strike
 - Conduct Strike OPS
 - Engage Fixed Land Targets
 - Engage Moving Land Targets
 - Conduct Special OPS
 - Provide Precision Targeting
 - Conduct Direct Action
 - Conduct Offensive Information Operations
 - Jam Potential Threats
 - Conduct Network Attacks
 - Provide Aircraft Survivability
 - Naval Fire Support
 - Provide Precision Fires
 - Provide High Volume Fires
 - Provide Extended Range Fires
 - Maneuver
 - Project/Reposition Forces
 - Assault Centers of Gravity and Critical Vulnerabilities
 - Conduct Concurrent/Follow-on Missions
 - Strategic Deterrence
 - Conduct Nuclear Strike
 - Provide Assured Survivability
- Sea Basing
 - Close, Assemble, Employ, & Reconstitute
 - Close the Force & Maintain Mobility
 - Provide at Sea Arrival & Assembly
 - Allow Selective Offload
 - Reconstitute & Regenerate at Sea
 - Provide Integrated Joint Logistics
 - Provide Sustainment for Operations at Sea
 - Provide Sustainment for Operations Ashore
 - Provide Focused Logistics
 - Provide Shipboard and Mobile Maintenance
 - Provide Force Medical Services
 - Provide Advance Base Support
 - Preposition Joint Assets Afloat
 - Integrate and Support Joint Personnel and Equipment
 - Provide Afloat C2 Physical Infrastructure
 - Provide AFSB Capability for Joint Operations
- FORCEnet
 - Communications and Data Networks
 - Provide Communication Infrastructure
 - Provide Network Protection
 - Provide Network Synchronization
 - Provide Information Transfer

SHIP CHANGE DOCUMENT

PHASE I

Intel, Surveillance and Recon

- Conduct Sensor management and Information Processing
- Detect and ID Targets
 - Fixed Land Targets
 - Moving Land Targets
 - Air and Missile Targets
 - Surface Targets
 - Submarine Targets
 - Mines
- Provide Cueing and Targeting Information
- Assess Engagement Results

Common Operational and Tactical Pictures

- Provide Mission Planning
- Provide Battle Management Synchronization
- Provide Common PNT and Environmental Info
- Integrate and Distribute Sensor Info
- Track and Facilitate Engagement of Time Sensitive Targets
- Track and Facilitate Engagement of Non-Time Sensitive Targets

SHIP CHANGE DOCUMENT PHASE I

14. Concept Development Cost Information:

Phase I -- CBA input on SCD														
Investment Costs	Three Year Budget (FY) in Thousands										To Complete	Total	To Complete (Contract Year 6)	
	FY06	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16				
System/Equipment Design/Development Cost												To Complete		
- Category I Development												To Complete		
- Preliminary Engineering												To Complete		
- Design Development												To Complete		
- Category II Development												To Complete		
- Subtotal System/Equipment Design/Development Cost												To Complete		
System/Equipment Procurement Cost												To Complete		
- Subtotal System/Equipment Procurement Cost												To Complete		
Installation/Checkout Cost												To Complete		
- Subtotal Installation/Checkout Cost												To Complete		
Subtotal (Sum of Major Cost Element Categories By FY)												To Complete		

Appropriation/Program Element Funding Plan	Three Year Budget (FY) in Thousands										To Complete	Total	To Complete (Contract Year 6)	
	FY06	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16				
Phase I - Preliminary Engineering												To Complete		
- Approved (to date of all requests)												To Complete		
Phase II - Design Development												To Complete		
- Approved (to date of all requests)												To Complete		
Phase III - Procurement												To Complete		
- Approved (to date of all requests)												To Complete		
Phase IV - Installation												To Complete		
- Approved (to date of all requests)												To Complete		
Subtotal (By FY)												To Complete		

Projected Savings and Cost Avoidance	Three Year Budget (FY) in Thousands										To Complete	Total	To Complete (Contract Year 6)	
	FY06	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16				
Development Phase												To Complete		
- Design												To Complete		
- Additional CC Elements												To Complete		
Final Development Phase												To Complete		
Production Phase												To Complete		
- Assembly												To Complete		
- Scheduling												To Complete		
- Additional CC Elements												To Complete		
Final Production Phase												To Complete		
Operating & Support												To Complete		
- Initial 100-hour Operation												To Complete		
- Full Level Operation												To Complete		
- Hardware Maintenance												To Complete		
- Spare Maintenance												To Complete		
- Logistics Support												To Complete		
- Training Support												To Complete		
- Test Support												To Complete		
- Other												To Complete		
Final Operating and Support												To Complete		
- Labor (also used in contract SCD programmatic activities)												To Complete		
- Other (also used in contract SCD programmatic activities)												To Complete		
MFR/CR/Workload Reduction Manpower												To Complete		
- Operations Load Reduction												To Complete		
- Research and Development												To Complete		
Installation Fielding Plan Data												To Complete		
- Total Production Plan												To Complete		
- Total (also used in contract SCD programmatic activities)												To Complete		
- Subtotal												To Complete		
- Subtotal												To Complete		
- Subtotal												To Complete		
- Subtotal												To Complete		

15. APPROVAL RECOMMENDATION:

Recommended Not Recommended Recommend Re-Work

NUCLEAR POWER DIRECTORATE (As Required)

Signature _____ DATE _____

SHIP PROGRAM MANAGER

Signature _____ DATE _____

Technical Review Comments:

**SHIP CHANGE DOCUMENT
PHASE II**

CHANGE TRACKING NUMBER _____
SHIP CHANGE TITLE: _____
DESCRIPTION OF CHANGE: _____
IMPACT IF NOT ACCOMPLISHED: _____
APPLICABLE SHIP/SHIP CLASS/SITES: _____
DATE: _____

Expedite Approved

1. LIST APPLICABLE SHIP(S) WITHIN 5-YEAR DECOMMISSIONING WINDOW: _____

2. DISTRIBUTIVE SYSTEMS IMPACT: (check box that applies)

	Net Increase	Net Decrease	No Net Impact	Unknown
AC Plants/Chilled Water				
Electric Generation and Power Distribution Systems				
Topside Design/Mast Structure				
Fiber Optic Cable Plant				
Firemain				
Weight & Moment Change				
IC Switchboard & Database Multiplex System				

3. OTHER CONSIDERATIONS (IF YES, PROVIDE EXPLANATION):

Topside: Yes No

Explanation:

Ship Characteristics Document change required: Yes No

Explanation:

Ship/Aviation Integration Impact: Yes No

Explanation:

Storage Requirements: Yes No

Explanation:

Dry Docking Required: Yes No

Explanation:

Certification Required: Yes No

Explanation (include responsible activity):

SUBSAFE Impact: Yes No N/A

Network Impact: Yes No

Explanation:

Fuel System Impact: Yes No

Explanation:

IC Circuits Impact: Yes No

Explanation:

MCS/DCS Impact: Yes No

Explanation:

Software Impact: Yes No

Explanation:

Weapons Systems Impact: Yes No

Explanation:

Space Configuration: Yes No

Explanation:

Hangar Bay/Flight Deck Impact: Yes No

Explanation:

Air Systems: Yes No

Explanation:

Ordnance Handling/Storage: Yes No

Explanation:

Other: _____

Explanation:

SHIP CHANGE DOCUMENT PHASE II

4. SHOCK, VIBRATION AND EMI REQUIREMENTS:

Shock Grade (check one in accordance with the GSO section 072):

A B C N/A

Compliant with MIL-STD-167-1 Type 1 Vibration Requirements (check one):

Yes No N/A

Compliant with MIL-STD-461 EMI Requirements (check one):

Yes No N/A

Compliant with MIL-STD-464 EMI Requirements (check one):

Yes No Tailored (specifics appended)

N/A

Compliant with OPNAVINST-2400.20 RF Spectrum Management Requirements

Yes No N/A

Compliant with HERO/HERP/HERF (NAVSEA OP 3565) Requirements (check one):

Yes No N/A

Remarks: _____

5. INTEGRATED LOGISTICS SUPPORT (ILS) IMPACT (check all that apply)

- Technical Manuals
- Provisioning
- Planned Maintenance System (PMS)
- Ship's Selected Records (Drawings & Manuals)
- Operating Sequencing Systems (OSS)
- Steam Plant Manual (SPM)
- Test Equipment
- Software management
Specify software support activity: _____
- Spares Affected
Specify responsible activity: _____
- COTS/NDI
- Facilities
- Other (Specify): _____

6. HUMAN SYSTEMS INTEGRATION (HSI) IMPACTS:

Manpower /Workload Impact: Yes / No

Brief Description:

Personnel Impact: Yes / No

Brief Description:

Training Impact: Yes / No

Brief Description:

Human Factors Engineering (HFE): Yes / No

Brief Description:

Habitability: Yes / No

Brief Description:

Environment, Safety and Occupational Health (ESOH): Yes / No

Brief Description:

Personnel Survivability: Yes / No

Brief Description:

7. CRITICAL MATERIAL: _____

8. PRIOR, CONJUNCTIVE OR CONCURRENT CHANGE ACCOMPLISHMENT (LIST ANY CHANGE THAT APPLIES): _____

9. ESWBS _____

**SHIP CHANGE DOCUMENT
PHASE II**

10. DETAIL DESIGN CRITERIA: (Check all that apply)

- Ship Specification
- Deep Diving General Overhaul Specification
- General Specifications for Overhaul (GSO)
- Other (Specify)_____

11. PROTOTYPE REQUIRED:

Yes _____ No _____

Approx Time Required Onboard _____

12. AFOM

13. CBA INFORMATION

**SHIP CHANGE DOCUMENT
PHASE II**

14. APPROVAL RECOMMENDATION:

Recommended Not Recommended Recommend Re-Work

NUCLEAR POWER DIRECTORATE (As Required)

Signature _____ **DATE** _____ _____ _____

SHIP PROGRAM MANAGER

Signature _____ **DATE** _____ _____ _____

Technical Review Comments:

SHIP CHANGE DOCUMENT PHASE III

CHANGE TRACKING NUMBER _____
 SHIP CHANGE TITLE: _____
 DESCRIPTION OF CHANGE: _____
 IMPACT IF NOT ACCOMPLISHED: _____
 APPLICABLE SHIP/SHIP CLASS/SITES: _____
 DATE: _____

Recommend Expedite

1. SYSTEM/EQUIPMENT DESIGNATION: _____
2. MODEL NO. _____
3. CAGE CODE _____
4. DETAILED DESCRIPTION OF CHANGE: _____
5. DISTRIBUTIVE SYSTEMS IMPACT:

	Added	Removed
A/C Plants / Chilled Water Dist (Tons A/C)		
(CHW GPM)		
Electrical Generation and Power Dist Sys (kW)		
Topside Design / Mast Structure (Weight in Tons)		
Fiber Optic Cable Plant (Yes / No)		
Firemain (GPM)		
Ship's Stability (Weight in Tons)		
IC SWBD and Database Multiplex Sys (Loads)		

6. ARE THERE REFERENCES/SUPPORTING DOCUMENTATION IN ADDITION TO STANDARD REQUIREMENTS? Yes ___ No ___

7. ESTIMATED WEIGHT AND MOMENT:

WEIGHT	VCG	LCG	TCG
Stability Statement			

8. CHANGE MATERIAL/SOFTWARE LIST:

ITEM NO.	DESCRIPTION	UNIT OF ISSUE	QUANTITY	PROCURING ACTIVITY

9. ARE THERE QUALITY ASSURANCE REQUIREMENTS IN ADDITION TO STANDARD REQUIREMENTS? Yes ___ No ___

If Yes, List Requirements: _____

**SHIP CHANGE DOCUMENT
PHASE III**

11. SPECIAL DISPOSITION REQUIREMENTS FOR REMOVED MATERIAL:

MATERIAL	DISPOSITION

12. INSTALLATION SUPPORT AND TEST EQUIPMENT: _____

13. SHIPBOARD STOWAGE DETAILS: _____

14. NAVSEA SHIP INSTALLATION DRAWING (SID) REVIEW REQUIRED: YES ___ NO ___

15. SPECIAL INDUSTRIAL STOWAGE REQUIREMENTS: _____

16. REQUIRED PRIOR, CONJUNCTIVE OR CONCURRENT CHANGES: _____

17. OTHER SYSTEMS IMPACTS: _____

18. INSTALLATION DURATION: _____

19. HUMAN SYSTEMS INTEGRATION (HSI):

- Manpower/Workload: _____
- Personnel: _____
- Training: _____
- Human Factors Engineering (HFE): _____
- Habitability: _____
- Environment, Safety and Occupational Health (ESOH): _____
- Personnel Survivability: _____

20. CERTIFICATIONS/QUALIFICATIONS REQUIRED (CHECK ALL THAT APPLY):

- ILS Cert _____ Estimated Completion Date _____
- HSI Cert _____ Estimated Completion Date _____
- EMI Cert _____ Estimated Completion Date _____
- WSESRB _____ Estimated Completion Date _____
- Software Cert _____ Estimated Completion Date _____
- Shock Qualification _____ Estimated Completion Date _____
- SPAWAR PPL/SSIL (IT-21) Cert _____ Estimated Completion Date _____
- SEA 62 Interoperability Cert _____ Estimated Completion Date _____
- Other Cert (Specify) _____ Estimated Completion Date _____
- Other Cert (Specify) _____ Estimated Completion Date _____

21. DETAILED COST STRUCTURE:

SHIP CHANGE DOCUMENT PHASE III

Phase III -- CBA Input on SCD												
Investment Costs	Fiscal Year Budget (FY) in Thousands										Total Investment	Total Investment (Million \$)
	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15		
System/Equipment Design/Development Cost												
System/Equipment Design/Development Cost												
System/Equipment Procurement Cost												
System/Equipment Procurement Cost												
Installation/Checkout Cost												
Installation/Checkout Cost												
Appropriation/Program Element Funding Plan												
Appropriation/Program Element Funding Plan												
Projected Savings and Cost Avoidance												
Projected Savings and Cost Avoidance												
Installation Funding Plan Data												
Installation Funding Plan Data												

**SHIP CHANGE DOCUMENT
PHASE III**

22. THIS IS WHERE THE PHASE III AFOM STUFF GOES

23. APPROVAL RECOMMENDATION:

	Recommended	Not Recommended	Recommend Re-Work
NUCLEAR POWER DIRECTORATE (As Required)			
Signature_____	_____	_____	_____
SHIP PROGRAM MANAGER			
Signature_____	_____	_____	_____

Technical Evaluation Comments:

**SHIP CHANGE DOCUMENT
PHASE II(a)**

CHANGE TRACKING NUMBER _____
 SHIP CHANGE TITLE: _____
 DESCRIPTION OF CHANGE: _____
 IMPACT IF NOT ACCOMPLISHED: _____
 APPLICABLE SHIP/SHIP CLASS/SITES: _____
 DATE: _____

Recommend Expedite

1. LIST APPLICABLE SHIP(S) WITHIN 5-YEAR DECOMMISSIONING WINDOW: _____
2. SYSTEM/EQUIPMENT DESIGNATION: _____
3. MODEL NO. _____
4. CAGE CODE _____
5. DETAILED DESCRIPTION OF CHANGE: _____
6. ESWBS _____
7. PROTOTYPE REQUIRED:
 Yes _____ No _____
 Approx Time Required Onboard _____
8. DISTRIBUTIVE SYSTEMS IMPACT: (check box that applies)

	Added	Removed
A/C Plants / Chilled Water Dist (Tons A/C)		
(CHW GPM)		
Electrical Generation and Power Dist Sys (kW)		
Topside Design / Mast Structure (Weight in Tons)		
Fiber Optic Cable Plant (Yes / No)		
Firemain (GPM)		
Ship's Stability (Weight in Tons)		
IC SWBD and Database Multiplex Sys (Loads)		

9. OTHER CONSIDERATIONS (IF YES, PROVIDE EXPLANATION):

Topside: Yes No
 Explanation:
Ship Characteristics Document change required: Yes No
 Explanation:
Ship/Aviation Integration Impact: Yes No
 Explanation:
Storage Requirements: Yes No
 Explanation:
Dry Docking Required: Yes No
 Explanation:
Certification Required: Yes No
 Explanation (include responsible activity):
SUBSAFE Impact: Yes No N/A
Network Impact: Yes No
 Explanation:

**SHIP CHANGE DOCUMENT
PHASE II(a)**

Fuel System Impact: Yes No

Explanation:

IC Circuits Impact: Yes No

Explanation:

MCS/DCS Impact: Yes No

Explanation:

Software Impact: Yes No

Explanation:

Weapons Systems Impact: Yes No

Explanation:

Space Configuration: Yes No

Explanation:

Hangar Bay/Flight Deck Impact: Yes No

Explanation:

Air Systems: Yes No

Explanation:

Ordnance Handling/Storage: Yes No

Explanation:

Other: _____

Explanation:

10. SHOCK, VIBRATION AND EMI REQUIREMENTS:

Shock Grade (check one in accordance with the GSO section 072):

A B C N/A

Compliant with MIL-STD-167-1 Type 1 Vibration Requirements (check one):

Yes No N/A

Compliant with MIL-STD-461 EMI Requirements (check one):

Yes No N/A

Compliant with MIL-STD-464 EMI Requirements (check one):

Yes No Tailored (specifics appended)

N/A

Compliant with OPNAVINST-2400.20 RF Spectrum Management Requirements

Yes No N/A

Compliant with HERO/HERP/HERF (NAVSEA OP 3565) Requirements (check one):

Yes No N/A

Remarks: _____

11. INTEGRATED LOGISTICS SUPPORT (ILS) IMPACT (check all that apply)

- Technical Manuals
- Provisioning
- Planned Maintenance System (PMS)
- Ship's Selected Records (Drawings & Manuals)
- Operating Sequencing Systems (OSS)
- Steam Plant Manual (SPM)
- Test Equipment
- Software management
Specify software support activity: _____
- Spares Affected
Specify responsible activity: _____
- COTS/NDI
- Facilities

Other (Specify): _____

12. DETAIL DESIGN CRITERIA: (Check all that apply)

- Ship Specification

**SHIP CHANGE DOCUMENT
PHASE II(a)**

23. INSTALLATION DURATION: _____

24. HUMAN SYSTEMS INTEGRATION (HSI):

Manpower/Workload: _____
Personnel: _____
Training: _____
Human Factors Engineering (HFE): _____
Habitability: _____
Environment, Safety and Occupational Health (ESOH): _____
Personnel Survivability: _____

25. CERTIFICATIONS/QUALIFICATIONS AS REQUIRED:

ILS Cert _____ Target Completion Date _____
HSI Cert _____ Target Completion Date _____
EMI Cert _____ Target Completion Date _____
WSESRB _____ Target Completion Date _____
Software Cert _____ Target Completion Date _____
Shock Qualification _____ Target Completion Date _____
SPAWAR PPL/SSIL (IT-21) Cert _____ Estimated Completion Date _____
SEA 62 Interoperability Cert _____ Estimated Completion Date _____
Other Cert (Specify) _____ Target Completion Date _____
Other Cert (Specify) _____ Target Completion Date _____

26. DETAILED COST STRUCTURE:

SHIP CHANGE DOCUMENT

PHASE II(a)

	FYXX	Total										
System/Equipment Design/Development Cost												
Concept Development												
Preliminary Engineering												
Design Development												
Software Development												
Hardware Development												
ECM/Fre-Product on Prototype												
Testing												
Program Management												
Subtotal System/Equipment Design/Development Cost												
System/Equipment Procurement Cost												
Activation Cost												
Hardware Cost												
Integration Material												
Testing (Production/Post Production)												
Developmental Testing												
Operational Testing												
H.S.I												
Training/Training Support												
Schedule modification												
Installation Training												
RTSP Development/Update												
Training Development Costs												
Manpower and Personnel												
Top Down Requirements Analysis (TDRA)												
Other Manpower Workload Analysis												
Logistics												
Special Tools/Test Equipment												
Facilities												
Manpower & Personnel												
Spares (testing)												
Repair parts												
PH&T												
Documentation (PTD)												
Certification Cost												
ILS Certification												
H.S.I Certification												
Interoperability Costs												
Program Management												
Subtotal System/Equipment Procurement Cost												
Installation/Checkout Cost												
Planning												
Design Services Allocation (DSA)												
SAR Development												
Shipcheck												
SD												
SE/SP/SC												
ILS												
Configuration Overhead Planning (COP)												
CCSA												
TM UPDATE												
COMSNAP VALIDATE												
Other ILS												
PROJECT MGMT												
Design Services Allocation (DSA) Non-Plng Yr												
Installation												
Shipped (DSA)												
AIT												
Incidental Material												
Certifications												
TMA/TVA												
Topside Analysis												
Subtotal Installation/Checkout Cost												
Subtotal (Sum of Major Cost Element Categories By FY)												
Funding Phasing Plan												
	FYXX	Total										
Preliminary Engineering												
App/F% (include all as required)												
Design Development												
App/F% (include all as required)												
Procurement												
App/F% (include all as required)												
Installation												
App/F% (include all as required)												
Subtotal (By FY)												
Projected Savings and Cost Avoidance												
	FYXX	Total										
Development Phase												
- Direct												
- Additional TIC Elements												
Total Development Phase												
Production Phase												
- Direct												
- Additional TIC Elements												
Total Production Phase												
Operating & Support												
- Direct/Classroom/Production												
- One Level 1 retraining												
- Intermediate Maintenance												
- Depot Maintenance												
- Logistics Support												
- Sustainment Support												
- Fleet Support												
- Other												
Total Operating and Support												

**SHIP CHANGE DOCUMENT
PHASE II(a)**

27. (This is where the PHASE II AFOM stuff goes)

28. APPROVAL RECOMMENDATION:

	Recommended	Not Recommended	Recommend Re-Work
NUCLEAR POWER DIRECTORATE (As Required)			
Signature_____	_____	_____	_____
SHIP PROGRAM MANAGER			
Signature_____	_____	_____	_____

Technical Review Comments:
