

UNCLASSIFIED

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|--|----------------|------------------|-----------------------|--|------------------------|------------------|------------------|------------------|---------------------|------------------|------------|
| Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy | | | | | | | | | DATE: February 2010 | | |
| APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development | | | | R-1 ITEM NOMENCLATURE PE 0204413N: Amphibious Tactical Supt Units | | | | | | | |
| COST (\$ in Millions) | FY 2009 Actual | FY 2010 Estimate | FY 2011 Base Estimate | FY 2011 OCO Estimate | FY 2011 Total Estimate | FY 2012 Estimate | FY 2013 Estimate | FY 2014 Estimate | FY 2015 Estimate | Cost To Complete | Total Cost |
| Total Program Element | 2.271 | 2.314 | 4.357 | 0.000 | 4.357 | 4.802 | 5.128 | 5.356 | 5.100 | Continuing | Continuing |
| 2231: LCU Replacement and DMFD | 2.271 | 2.314 | 4.357 | 0.000 | 4.357 | 4.802 | 5.128 | 5.356 | 5.100 | Continuing | Continuing |

A. Mission Description and Budget Item Justification

TECHNOLOGY TRANSITION: Provides for research efforts on LCAC Future Naval Capabilities to transfer technologies to functional uses on current LCACs. Current S&T initiatives include the following: sustainability/readiness/performance analysis; enhanced LCAC cost model; friction stir welding equipment evaluation; LCAC communications improvements; analysis of electrical systems during cold weather operations; LCAC model hydrodynamic testing; LCAC structural loads analysis; development and qualification of full authority digital engine controller for LCAC engines, vibration reduction/active balancing analysis and new torque meter design for ETF40B engines.

B. Program Change Summary (\$ in Millions)

| | | | | | |
|-------------------------------------|---------|---------|--------------|-------------|---------------|
| | FY 2009 | FY 2010 | FY 2011 Base | FY 2011 OCO | FY 2011 Total |
| Previous President's Budget | 2.316 | 2.324 | 0.000 | 0.000 | 0.000 |
| Current President's Budget | 2.271 | 2.314 | 4.357 | 0.000 | 4.357 |
| Total Adjustments | -0.045 | -0.010 | 4.357 | 0.000 | 4.357 |
| • Congressional General Reductions | | -0.010 | | | |
| • Congressional Directed Reductions | | 0.000 | | | |
| • Congressional Rescissions | 0.000 | 0.000 | | | |
| • Congressional Adds | | 0.000 | | | |
| • Congressional Directed Transfers | | 0.000 | | | |
| • Reprogrammings | 0.000 | 0.000 | | | |
| • SBIR/STTR Transfer | -0.045 | 0.000 | | | |
| • Program Adjustments | 0.000 | 0.000 | 4.357 | 0.000 | 4.357 |

Change Summary Explanation

Technical: Not applicable.
Schedule: Not applicable.

UNCLASSIFIED

R-1 Line Item #172

Page 1 of 9

UNCLASSIFIED

| | | |
|--|--|---------------------|
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| APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development | R-1 ITEM NOMENCLATURE PE 0204413N: Amphibious Tactical Supt Units | |
| FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010. | | |

UNCLASSIFIED

R-1 Line Item #172

Page 2 of 9

UNCLASSIFIED

| | | | | | | | | | | | |
|--|---------------------------|-----------------------------|--------------------------------------|--|---------------------------------------|-----------------------------|-----------------------------|---|-----------------------------|-----------------------------|--------------------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy | | | | | | | | DATE: February 2010 | | | |
| APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i> | | | | R-1 ITEM NOMENCLATURE PE 0204413N: <i>Amphibious Tactical Supt Units</i> | | | | PROJECT 2231: <i>LCU Replacement and DMFD</i> | | | |
| COST (\$ in Millions) | FY 2009 Actual | FY 2010 Estimate | FY 2011 Base Estimate | FY 2011 OCO Estimate | FY 2011 Total Estimate | FY 2012 Estimate | FY 2013 Estimate | FY 2014 Estimate | FY 2015 Estimate | Cost To Complete | Total Cost |
| 2231: <i>LCU Replacement and DMFD</i> | 2.271 | 2.314 | 4.357 | 0.000 | 4.357 | 4.802 | 5.128 | 5.356 | 5.100 | Continuing | Continuing |
| Quantity of RDT&E Articles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| A. Mission Description and Budget Item Justification Current S&T initiatives include the following: sustainability/readiness/performance analysis; enhanced LCAC cost model; friction stir welding equipment evaluation; LCAC communications improvements; analysis of electrical systems during cold weather operations; LCAC model hydrodynamic testing; LCAC structural loads analysis; development and qualification of full authority digital engine controller for LCAC engines, and vibration reduction/active balancing analysis and new torque meter design for ETF40B engines. | | | | | | | | | | | |
| B. Accomplishments/Planned Program (\$ in Millions) | | | | | | | | | | | |
| | | | | | | | FY 2009 | FY 2010 | FY 2011 Base | FY 2011 OCO | FY 2011 Total |
| LCU Replacement and DMFD | | | | | | | 2.271 | 2.314 | 4.357 | 0.000 | 4.357 |
| <i>FY 2009 Accomplishments:</i> Began vibration reduction/active balancing analysis; development of enhanced LCAC cost model; completed LCAC structural loads analysis; performed analysis of electrical systems during cold weather ops | | | | | | | | | | | |
| <i>FY 2010 Plans:</i> Award contract for development PC tablet; begin redevelopment of full authority digital engine controller for LCAC engines; | | | | | | | | | | | |
| <i>FY 2011 Base Plans:</i> Complete development and achieve qualification of full authority digital engine controller; Begin design of new torque meters for ETF40B engines | | | | | | | | | | | |

UNCLASSIFIED

R-1 Line Item #172

Page 3 of 9

UNCLASSIFIED

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| Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy | | | | | | | | | | DATE: February 2010 | |
| APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development | | | | R-1 ITEM NOMENCLATURE PE 0204413N: Amphibious Tactical Supt Units | | | | PROJECT 2231: LCU Replacement and DMFD | | | |
| B. Accomplishments/Planned Program (\$ in Millions) | | | | | | | | | | | |
| | | | | | | FY 2009 | FY 2010 | FY 2011 Base | FY 2011 OCO | FY 2011 Total | |
| Accomplishments/Planned Programs Subtotals | | | | | | 2.271 | 2.314 | 4.357 | 0.000 | 4.357 | |
| C. Other Program Funding Summary (\$ in Millions) | | | | | | | | | | | |
| Line Item | FY 2009 | FY 2010 | FY 2011 Base | FY 2011 OCO | FY 2011 Total | FY 2012 | FY 2013 | FY 2014 | FY 2015 | Cost To Complete | Total Cost |
| • OPN 0970: Amphibious Tactical Support Units | 0.172 | 6.622 | 9.142 | 0.000 | 9.142 | 0.029 | 25.273 | 16.807 | 10.028 | 0.000 | 68.073 |
| • OPN 0981/1: HM&E <5,000 (Material) | 6.413 | 5.085 | 6.333 | 0.000 | 6.333 | 9.435 | 9.579 | 7.849 | 6.258 | 0.000 | 50.952 |
| • OPN 0981/2: HM&E < 5,000 (Install) | 13.821 | 14.355 | 13.002 | 0.000 | 13.002 | 13.371 | 13.480 | 13.312 | 13.290 | 0.000 | 94.631 |
| • SCN 5139: LCAC SLEP | 110.587 | 63.660 | 83.035 | 0.000 | 83.035 | 82.134 | 86.964 | 87.581 | 88.761 | 365.800 | 968.522 |
| D. Acquisition Strategy | | | | | | | | | | | |
| TECHNOLOGY TRANSFER - RDT&E efforts commenced in FY06. Multiple contracts and Field Activities are involved through FY15 to complete the various projects. | | | | | | | | | | | |
| E. Performance Metrics | | | | | | | | | | | |
| FY10 - Award FY10 contract for development of PC tablet software and accomplish successful testing of software Deliver an approved plan for the redevelopment of the full authority digital engine controller and begin redesign FY11 - Complete development and achieve qualification of full authority digital engine controller Deliver approved plan for redesign of ETF40B engine torque meters and begin redesign | | | | | | | | | | | |

UNCLASSIFIED

R-1 Line Item #172

Page 4 of 9

UNCLASSIFIED

| Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy | | | | | | | | | | | DATE: February 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|--------------------------------|------------------------|--|------------|--------------|------------|---|------------|---------------|----------------------------|------------|--------------------------|--------------------|------------------------|--------------------------------|------------------------|---------|--|--------------|--|-------------|--|---------------|------------------|------------|--------------------------|------|------------|------|------------|------|------------|------|-----------------------|-------|-----------------|-------|-------|----------|-------|----------|-------|--|-------|--------|--------|------------|---------------------|-------|-----------------|-------|-------|----------|-------|----------|-------|--|-------|-------|-------|------------|-----------------|--|--|-------|-------|--|-------|--|-------|--|-------|--------|--------|--|
| APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i> | | | | R-1 ITEM NOMENCLATURE PE 0204413N: <i>Amphibious Tactical Supt Units</i> | | | | PROJECT 2231: <i>LCU Replacement and DMFD</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Product Development (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Cost Category Item</th> <th rowspan="2">Contract Method & Type</th> <th rowspan="2">Performing Activity & Location</th> <th rowspan="2">Total Prior Years Cost</th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th rowspan="2">Cost To Complete</th> <th rowspan="2">Total Cost</th> <th rowspan="2">Target Value of Contract</th> </tr> <tr> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>Component Development</td> <td>C/TBD</td> <td>Various Various</td> <td align="right">1.962</td> <td align="right">1.500</td> <td>May 2010</td> <td align="right">2.254</td> <td>Jan 2011</td> <td align="right">0.000</td> <td></td> <td align="right">2.254</td> <td align="right">11.306</td> <td align="right">17.022</td> <td>Continuing</td> </tr> <tr> <td>Systems Engineering</td> <td>C/TBD</td> <td>Various Various</td> <td align="right">1.201</td> <td align="right">0.147</td> <td>May 2010</td> <td align="right">0.860</td> <td>Jan 2011</td> <td align="right">0.000</td> <td></td> <td align="right">0.860</td> <td align="right">4.858</td> <td align="right">7.066</td> <td>Continuing</td> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td align="right">3.163</td> <td align="right">1.647</td> <td></td> <td align="right">3.114</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">3.114</td> <td align="right">16.164</td> <td align="right">24.088</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | | | Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | Cost To Complete | Total Cost | Target Value of Contract | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Component Development | C/TBD | Various Various | 1.962 | 1.500 | May 2010 | 2.254 | Jan 2011 | 0.000 | | 2.254 | 11.306 | 17.022 | Continuing | Systems Engineering | C/TBD | Various Various | 1.201 | 0.147 | May 2010 | 0.860 | Jan 2011 | 0.000 | | 0.860 | 4.858 | 7.066 | Continuing | Subtotal | | | 3.163 | 1.647 | | 3.114 | | 0.000 | | 3.114 | 16.164 | 24.088 | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | Cost To Complete | Total Cost | Target Value of Contract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Development | C/TBD | Various Various | 1.962 | 1.500 | May 2010 | 2.254 | Jan 2011 | 0.000 | | 2.254 | 11.306 | 17.022 | Continuing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Systems Engineering | C/TBD | Various Various | 1.201 | 0.147 | May 2010 | 0.860 | Jan 2011 | 0.000 | | 0.860 | 4.858 | 7.066 | Continuing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal | | | 3.163 | 1.647 | | 3.114 | | 0.000 | | 3.114 | 16.164 | 24.088 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Cost Category Item</th> <th rowspan="2">Contract Method & Type</th> <th rowspan="2">Performing Activity & Location</th> <th rowspan="2">Total Prior Years Cost</th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th rowspan="2">Cost To Complete</th> <th rowspan="2">Total Cost</th> <th rowspan="2">Target Value of Contract</th> </tr> <tr> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>Development Support</td> <td>WR</td> <td>Various Various</td> <td align="right">0.960</td> <td align="right">0.041</td> <td></td> <td align="right">0.357</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">0.357</td> <td align="right">1.487</td> <td align="right">2.845</td> <td>Continuing</td> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td align="right">0.960</td> <td align="right">0.041</td> <td></td> <td align="right">0.357</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">0.357</td> <td align="right">1.487</td> <td align="right">2.845</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | | | Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | Cost To Complete | Total Cost | Target Value of Contract | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Development Support | WR | Various Various | 0.960 | 0.041 | | 0.357 | | 0.000 | | 0.357 | 1.487 | 2.845 | Continuing | Subtotal | | | 0.960 | 0.041 | | 0.357 | | 0.000 | | 0.357 | 1.487 | 2.845 | | | | | | | | | | | | | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | Cost To Complete | Total Cost | Target Value of Contract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Development Support | WR | Various Various | 0.960 | 0.041 | | 0.357 | | 0.000 | | 0.357 | 1.487 | 2.845 | Continuing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal | | | 0.960 | 0.041 | | 0.357 | | 0.000 | | 0.357 | 1.487 | 2.845 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UNCLASSIFIED

R-1 Line Item #172

Page 5 of 9

UNCLASSIFIED

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|--|------------------------|--------------------------------|------------------------|---------|--|-----------------|------------|----------------|------------|---|------------------|------------|--------------------------|
| Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy | | | | | | | | | | DATE: February 2010 | | | |
| APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development | | | | | R-1 ITEM NOMENCLATURE PE 0204413N: Amphibious Tactical Supt Units | | | | | PROJECT 2231: LCU Replacement and DMFD | | | |
| Test and Evaluation (\$ in Millions) | | | | | | | | | | | | | |
| | | | | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Developmental T & E | WR | Various Various | 0.287 | 0.000 | | 0.104 | | 0.000 | | 0.104 | 0.600 | 0.991 | Continuing |
| Operational T & E | WR | Various Various | 0.167 | 0.500 | | 0.258 | | 0.000 | | 0.258 | 0.300 | 1.225 | Continuing |
| Test Assets | WR | Various Various | 0.308 | 0.050 | | 0.100 | | 0.000 | | 0.100 | 0.800 | 1.258 | Continuing |
| Subtotal | | | 0.762 | 0.550 | | 0.462 | | 0.000 | | 0.462 | 1.700 | 3.474 | |
| Remarks | | | | | | | | | | | | | |
| Management Services (\$ in Millions) | | | | | | | | | | | | | |
| | | | | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Engineering Support | WR | Various Not Specified | 0.708 | 0.050 | Jan 2010 | 0.240 | Jan 2011 | 0.000 | | 0.240 | 1.200 | 2.198 | Continuing |
| Program Management Support | WR | Various Not Specified | 0.304 | 0.026 | Jan 2010 | 0.184 | Jan 2011 | 0.000 | | 0.184 | 0.900 | 1.414 | Continuing |
| Travel | WR | NAVSEA Not Specified | 0.084 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.100 | 0.184 | Continuing |
| DAWDF | C/TBD | OSD Not Specified | 0.011 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.000 | 0.011 | Continuing |
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UNCLASSIFIED

R-1 Line Item #172

Page 6 of 9

UNCLASSIFIED


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|---|------------------------|--------------------------------|------------------------|---------|--|--------------|------------|-------------|------------|---|----------------------------|------------|--------------------------|--|--|--|--|---------|--|--------------|--|-------------|--|---------------|--|--|--|--------------------|------------------------|--------------------------------|------------------------|------|------------|------|------------|------|------------|------|------------------|------------|--------------------------|-----------------|--|--|-------|-------|--|-------|--|-------|--|-------|-------|-------|--|
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| <p>Management Services (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="4"></th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th colspan="2">FY 2011 Total</th> <th colspan="2"></th> </tr> <tr> <th>Cost Category Item</th> <th>Contract Method & Type</th> <th>Performing Activity & Location</th> <th>Total Prior Years Cost</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th> </tr> <tr> <td align="right" colspan="3">Subtotal</td> <td align="right">1.107</td> <td align="right">0.076</td> <td></td> <td align="right">0.424</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">0.424</td> <td align="right">2.200</td> <td align="right">3.807</td> <td></td> </tr> </table> <p>Remarks</p> | | | | | | | | | | | | | | | | | | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | | | | Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract | Subtotal | | | 1.107 | 0.076 | | 0.424 | | 0.000 | | 0.424 | 2.200 | 3.807 | |
| | | | | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Total Prior Years Cost | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal | | | 1.107 | 0.076 | | 0.424 | | 0.000 | | 0.424 | 2.200 | 3.807 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Total Prior Years Cost | FY 2010 | | FY 2011 Base | | FY 2011 OCO | | FY 2011 Total | Cost To Complete | Total Cost | Target Value of Contract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost Totals | | | 5.992 | 2.314 | | 4.357 | | 0.000 | | 4.357 | 21.551 | 34.214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Remarks</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UNCLASSIFIED

R-1 Line Item #172

Page 7 of 9

UNCLASSIFIED

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|---|------|---|---|---|------|---|---|--|------|---|---|---------------------|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|
| Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy | | | | | | | | | | | | | | | | DATE: February 2010 | | | | | | | | | | | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development | | | | | | | | | | | | R-1 ITEM NOMENCLATURE PE 0204413N: Amphibious Tactical Supt Units | | | | | | | | PROJECT 2231: LCU Replacement and DMFD | | | | | | | | | | | | |
| Fiscal Year | 2008 | | | | 2009 | | | | 2010 | | | | 2011 | | | | 2012 | | | | 2013 | | | | 2014 | | | | 2015 | | | |
| Acq. Milestones | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LCAC S&T Initiatives |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy | | | DATE: February 2010 | |
| APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i> | | R-1 ITEM NOMENCLATURE PE 0204413N: <i>Amphibious Tactical Supt Units</i> | | PROJECT 2231: <i>LCU Replacement and DMFD</i> |

Schedule Details

| Event | Start | | End | |
|------------------------|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| LCAC S & T Initiatives | 1 | 2009 | 4 | 2015 |

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