

UNCLASSIFIED

CLASSIFICATION:

| EXHIBIT R-2, RDT&E Budget Item Justification | | | | | | | DATE: February 2002 | | |
|--|---------------|---------------|---------------|---|---------------|---------------|----------------------------|------------------|---------------|
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation | | | | PROGRAM ELEMENT (PE) NAME AND NO. 0603635M Marine Corps Ground Combat/Supporting Arms Systems | | | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Total PE Cost | 32.755 | 34.894 | 27.777 | 20.680 | 21.388 | 13.941 | 7.297 | Cont | Cont |
| C1964 Anti-Armor Weapon System | 0.485 | 0.624 | 0.888 | 0.824 | 0.544 | 0.552 | 0.560 | Cont | Cont |
| C2112 Lightweight 155mm Howitzer (LW155) | 13.446 | 13.085 | 11.633 | 5.970 | 0.000 | 0.000 | 0.000 | 0.000 | 44.134 |
| C2113 Short Range Air-Tank Weapon (SRAW/Predator) | 4.013 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 4.013 |
| C2256 Integrated Infantry Combat System | 2.462 | 1.728 | 1.779 | 1.799 | 1.814 | 1.697 | 1.730 | Cont | Cont |
| C2507 Family of Small Craft | 0.896 | 2.904 | 1.065 | 1.648 | 1.710 | 0.000 | 0.000 | 0.000 | 8.223 |
| C2508 Internally Transportable Vehicle (ITV) | 4.125 | 3.965 | 1.989 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 10.079 |
| C2614 SMAW Follow-On | 2.908 | 0.000 | 10.423 | 10.439 | 16.822 | 9.815 | 1.116 | 0.000 | 51.523 |
| C2615 M1A1 Antipersonnel Ammunition | 0.000 | 0.000 | 0.000 | 0.000 | 0.498 | 1.877 | 3.891 | Cont | Cont |
| C2998 Innovative Stand-Off Door Breacher | 4.420 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 4.420 |
| C9116 Nanoparticles Neutralization of Facility Threats | 0.000 | 12.588 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 12.588 |
| Quantity of RDT&E Articles (C2508 ITV) | 8 | | | | | | | | |
| (U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: | | | | | | | | | |
| This PE supports the demonstration and validation of Marine Corps Ground/Supporting Arms Systems for utilization in Marine Air-Ground Expeditionary Force amphibious operations. | | | | | | | | | |
| This program is funded under DEMONSTRATION & VALIDATION because it develops and integrates hardware for experimental test related to specific ground weapon system. | | | | | | | | | |

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| EXHIBIT R-2, RDT&E Budget Item Justification | | DATE: February 2002 | |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation | | PROGRAM ELEMENT (PE) NAME AND NO. 0603635M Marine Corps Ground Combat/Supporting Arms Systems | |
| B. PROGRAM CHANGE SUMMARY | | | |
| | FY2001 | FY2002 | FY2003 |
| (U) FY 2001 President's Budget: | 32.416 | 25.957 | |
| (U) Adjustments from the President's Budget: | | | |
| (U) SBIR/STTR Transfer | -0.507 | | |
| (U) Execution Adjustment | -0.139 | -5.000 | |
| (U) Minor Affordability Adjustment | | -0.312 | |
| (U) Program Adjustment | 0.985 | 14.249 | |
| (U) FY 2002 President's Budget: | 32.755 | 34.894 | 27.777 |
| CHANGE SUMMARY EXPLANATION: | | | |
| (U) Funding: See Above. (See R-2a for breakout at project level). | | | |
| (U) Schedule: | | | |
| (U) Technical: | | | |

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| EXHIBIT R-2a, RDT&E Project Justification | DATE: February 2002 |
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|--------------------------------------|--|--------------|--------------|---------------------------------------|--------------|--------------|--------------|------------------|---------------|
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | PROJECT NUMBER AND NAME | | | | | |
| RDT&E, N / BA-4 | 0603635M Marine Corps Ground Combat/Supt Arms | | | C1964 Anti-Armor Weapon System | | | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Project Cost | 0.485 | 0.624 | 0.888 | 0.824 | 0.544 | 0.552 | 0.560 | Cont | Cont |
| RDT&E Articles Qty | | | | | | | | | |

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(U) This project provides for Marine Corps participation in the Joint Anti-Armor Program entitled Javelin (Advanced Anti-Tank Weapon System - Medium (AAWS-M)) and the Anti-Armor Weapon System - Heavy (AAWS-H). The Javelin weapon system Pre-Planned Product Improvement (P3I) program will provide the Marine Corps and Army with state-of-the-art capability to destroy sophisticated and future armored threats. The AAWS-H is a long range, antitank weapon system that will replace the Tube Launched, Optically Tracked, Wire Guided Missile System. It will satisfy an operational requirement to provide increased range (4000 meters), increased lethality against all armored threats, to include explosive reactive armor, active protection, increased probability of hit and kill and increased gunner survivability. Possible Light Armored Vehicle-Anti Tank usage would promote commonality among Marine Corps systems.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

(U) FY 2001 Accomplishments

- (U) \$ 0.100 Conducted Engineering/Technical support to monitor/participate in Product Qualification Testing and P3I for the Javelin program.
- (U) \$ 0.220 Conducted Engineering/Technical support to monitor and participate in technical developments in the AAWS-H program.
- (U) \$ 0.136 Conducted alternatives analysis for AAWS-H candidate systems.
- (U) \$ 0.029 Provided Program Office support for the AAWS-H program.

(U)Total \$ 0.485

(U) FY 2002 Planned Program

- (U) \$ 0.242 Engineering/Technical support to participate in Product Qualification Testing and P3I for the Javelin program.
- (U) \$ 0.338 Engineering/Technical support to participate in technical developments in the AAWS-H program.
- (U) \$ 0.044 Program Office documentation support for the AAWS-H program.

(U)Total \$ 0.624

(U) FY 2003 Planned Program:

- (U) \$ 0.255 Engineering/Technical support to participate in Product Qualification Testing and P3I for the Javelin program.
- (U) \$ 0.344 Engineering/Technical support to participate in technical developments in the AAWS-H program.
- (U) \$ 0.200 Conduct integration testing for AAWS-H program.
- (U) \$ 0.089 Program Office documentation support for the AAWS-H program.

(U)Total \$ 0.888

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| EXHIBIT R-2a, RDT&E Project Justification | | | | | | DATE: February 2002 | | | |
| APPROPRIATION/BUDGET ACTIVITY | | PROGRAM ELEMENT NUMBER AND NAME | | | PROJECT NUMBER AND NAME | | | | |
| RDT&E, N / BA-4 | | 0603635M Marine Corps Ground Combat/Supt Arms | | | C1964 Anti-Armor Weapon System | | | | |
| Project Change Summary | | FY 2001 | FY 2002 | FY 2003 | | | | | |
| (U) FY2002 President's Budget | | 0.608 | 0.630 | | | | | | |
| (U) Adjustments to Previous President's Budget | | | | | | | | | |
| SBIR/STTR Transfer | | -0.002 | | | | | | | |
| Execution Adjustment | | | | | | | | | |
| Minor Affordability Adjustment | | | -0.006 | | | | | | |
| Program Adjustment | | -0.121 | | | | | | | |
| (U) FY2003 President's Budget | | 0.485 | 0.624 | 0.888 | | | | | |
| CHANGE SUMMARY EXPLANATION: | | | | | | | | | |
| (U) Funding: See Above. | | | | | | | | | |
| (U) Schedule: Not Applicable. | | | | | | | | | |
| (U) Technical: Not Applicable. | | | | | | | | | |
| B. (U) OTHER PROGRAM FUNDING SUMMARY: | | | | | | | | | |
| Line Item No. & Name | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | To Complete | Total Cost |
| (U) PMC BLI# 301100 | 29.783 | 1.023 | 1.049 | 0.000 | 0.000 | 0.000 | 6.183 | 0.000 | 38.038 |
| (U) Related RDT&E: Not Applicable. | | | | | | | | | |
| (U) C. ACQUISITION STRATEGY: | | | | | | | | | |
| AAWS-H - The acquisition strategy anticipates a Competitively Awarded Cost Plus Development Contract with follow-on Firm Fixed Price Production Contract. JAVELIN - Acquisition strategy provides for pre-planned improvements for the Javelin hardware which is procured under a Firm Fixed Price Multi-Year Contract. The first Multi-Year covers FY 97 through FY 99. Hardware on this contract includes the Command Launch Unit (CLU), Tactical Round, Battery Unit, Basic Skills Trainer, and Field Tactical Trainer. The second Multi-Year covers the years 2000-2003. | | | | | | | | | |

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EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2002

APPROPRIATION/BUDGET ACTIVITY

PROGRAM ELEMENT NUMBER AND NAME

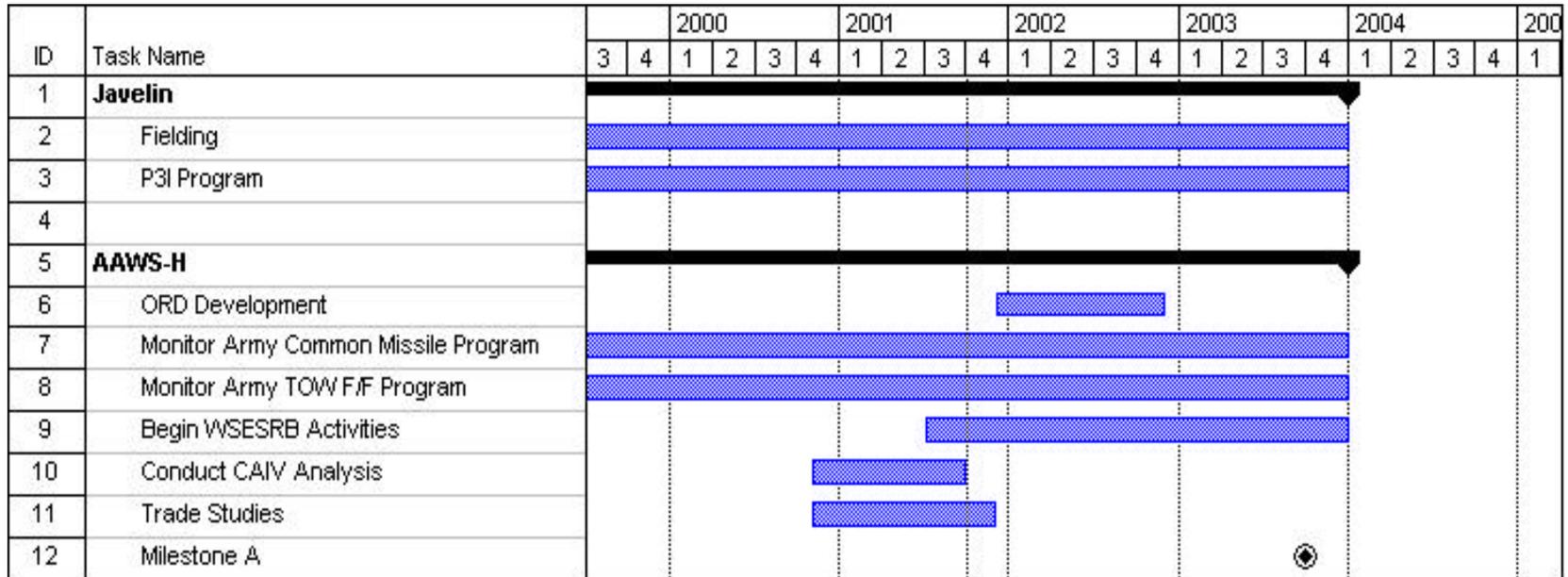
PROJECT NUMBER AND NAME

RDT&E, N / BA-4

**0603635M Marine Corps Ground
Combat/Supt Arms**

C1964 Anti-Armor Weapon System

(U) D. SCHEDULE PROFILE:



Program Funding Summary

| Line Item No. & Name | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | To Complete | Total Cost |
|----------------------|---------|---------|---------|---------|---------|---------|---------|-------------|------------|
| (U) RDT&E | 0.485 | 0.624 | 0.888 | 0.824 | 0.544 | 0.552 | 0.560 | Cont. | Cont. |
| (U) PMC BLI# 301100 | 29.783 | 1.023 | 1.049 | 0.000 | 0.000 | 0.000 | 6.183 | 0.000 | 38.038 |

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| EXHIBIT R-2a, RDT&E Project Justification | | | | | | | DATE: February 2002 | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | PROJECT NUMBER AND NAME | | | | | |
| RDT&E, N / BA-4 | 0603635M Marine Corps Ground Combat/Supt Arms | | | C2112 Lightweight 155mm Howitzer (LW155) | | | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Project Cost | 13.446 | 18.085 | 11.633 | 5.970 | 0.000 | 0.000 | 0.000 | 0.000 | 49.134 |
| RDT&E Articles Qty | | | | | | | | | |

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(U) The LW155 is the replacement for the aging, operationally deficient M198 155 Howitzer for the Marine Corps and the Army. The LW155 retains the current M198 howitzer's range, but a significant weight reduction will significantly improve transportability and mobility by sea, air, and land platforms and enable the LW155 to emplace, displace, and bold shift in half the time of the current system while increasing the rate of fire. Thus, the LW155 provides greater transportability and mobility in strategic/tactical movements. The LW155 is a joint Marine Corps and Army program, with the Marine Corps as the Lead service. The Joint Operational Requirements Document (JORD) was approved by the Assistant Commandant of the Marine Corps on 27 June 1996. The JORD was validated and approved by the Army on 29 September 1995. A MS I/II Marine Corps Program Decision Memorandum (MCPDM) was approved on 5 February 1996.

After a ten month "shoot-off" between competitors a three year EMD contract was signed with Cadillac Gage Textron Inc. on 17 March 1997. On 21 December 1998, the three parties involved in the development of the LW155 signed a novation agreement whereby Vickers Shipbuilding and Engineering Limited (VSEL) took over prime contractor responsibilities from Cadillac Gage Textron. The program will complete development in 4th quarter FY04 and enter limited rate production in FY 03. The Army's contribution to the program is a pre-planned product improvement consisting of a digital fire control system called "Towed Artillery Digitization" (TAD). The Army funds the research, development, and testing of TAD.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

(U) FY 2001 Accomplishments:

- (U) \$ 2.350 Program Management Support.
- (U) \$ 1.743 ARDEC matrix development engineering to system, logistics, safety, and quality assurance.
- (U) \$ 5.597 EMD Contract increments to BAE Systems & KARA.
- (U) \$ 0.400 Provide other govt development engineering support to logistics and quality assurance.
- (U) \$ 2.547 Provide support to Multi-service Operational Test & Evaluation (MOT&E) – Marine travel costs, transportation, materials & Developmental Testing (DT).
- (U) \$ 0.809 ARDEC (Benet Labs) Conduct engineering and fabrication of GFE Primer Feed Mechanism.
- (U) \$ 0.000 EMD contract increment to BAE Forward Finance with FY 00 funds.
- (U) \$ 0.000 Continued technical test series with FY 00 Forward Finance.

(U)Total \$ 13.446

* **NOTE: LW155 reduction of \$5m in FY 02 was erroneously applied to LAV Program.**

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| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---------|---------|---------|---------|-------------------------------|--------|--------|--|--|--|--|--|--------------------|---------|--|--|---------------------------------|--|---------|--|--------------------|-------|--|--|----------------------|--|---------|--|-------------------------------|--------|--------|--------|
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDT&E, N / BA-4 | 0603635M Marine Corps Ground Combat/Supt Arms | C2112 Lightweight 155mm Howitzer (LW155) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(U) FY 2002 Planned Program:</p> <ul style="list-style-type: none"> (U) \$ 1.735 Program Management Support. (U) \$ 0.800 ARDEC matrix development engineering to system, logistics, safety, and quality assurance. (U) \$ 6.750 EMD Contract (BAE Systems) (U) \$ 1.100 Joint Operational Assessment (U) \$ 0.800 Yuma Proving Ground developmental testing (U) \$ 0.800 Integration of Army P3I TAD onto LW155. (U) \$ 1.100 Pre-production Planning/Manufacturing/Integration. <p>(U)Total \$ 13.085</p> <p>(U) FY 2003 Planned Program:</p> <ul style="list-style-type: none"> (U) \$ 2.633 Integration of Army P3I TAD onto LW155 (U) \$ 3.000 EMD Contract Test Support (BAE Systems) (U) \$ 6.000 Complete developmental testing pilot production guns <p>(U)Total \$ 11.633</p> <p>Project Change Summary</p> <table border="1"> <thead> <tr> <th></th> <th>FY 2001</th> <th>FY 2002</th> <th>FY 2003</th> </tr> </thead> <tbody> <tr> <td>(U) FY2002 President's Budget</td> <td>12.998</td> <td>18.203</td> <td></td> </tr> <tr> <td>(U) Adjustments to Previous President's Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td> SBIR/STTR Transfer</td> <td>(0.172)</td> <td></td> <td></td> </tr> <tr> <td> Minor Affordability Adjustments</td> <td></td> <td>(0.118)</td> <td></td> </tr> <tr> <td> Program Adjustment</td> <td>0.620</td> <td></td> <td></td> </tr> <tr> <td> Execution Adjustment</td> <td></td> <td>(5.000)</td> <td></td> </tr> <tr> <td>(U) FY2003 President's Budget</td> <td>13.446</td> <td>13.085</td> <td>11.633</td> </tr> </tbody> </table> <p>CHANGE SUMMARY EXPLANATION:</p> <ul style="list-style-type: none"> (U) Funding: See Above. (U) Schedule: Not Applicable. (U) Technical: Not Applicable. | | | | FY 2001 | FY 2002 | FY 2003 | (U) FY2002 President's Budget | 12.998 | 18.203 | | (U) Adjustments to Previous President's Budget | | | | SBIR/STTR Transfer | (0.172) | | | Minor Affordability Adjustments | | (0.118) | | Program Adjustment | 0.620 | | | Execution Adjustment | | (5.000) | | (U) FY2003 President's Budget | 13.446 | 13.085 | 11.633 |
| | FY 2001 | FY 2002 | FY 2003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) FY2002 President's Budget | 12.998 | 18.203 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) Adjustments to Previous President's Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SBIR/STTR Transfer | (0.172) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minor Affordability Adjustments | | (0.118) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Program Adjustment | 0.620 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Execution Adjustment | | (5.000) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) FY2003 President's Budget | 13.446 | 13.085 | 11.633 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| EXHIBIT R-2a, RDT&E Project Justification | | | | | | | DATE: February 2002 | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | PROJECT NUMBER AND NAME | | | | | |
| RDT&E, N / BA-4 | 0603635M Marine Corps Ground Combat/Supt Arms | | | C2112 Lightweight 155mm Howitzer (LW155) | | | | | |
| B. (U) OTHER PROGRAM FUNDING SUMMARY: | | | | | | | | | |
| Line Item No. & Name | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | To Complete | Total Cost |
| (U) PMC, BLI #218500, Howitzer, Medium Towed 155MM | 11.004 | 0.000 | 62.643 | 111.489 | 179.325 | 181.183 | 75.363 | 0.000 | 621.007 |
| (U) Related RDT&E: PE 0604854A (Artillery Systems-Engineering Development) | | | | | | | | | |
| (U) C. ACQUISITION STRATEGY: | | | | | | | | | |
| The contract type initially was a Cost Plus Incentive Fee w/an Award Fee provision (CPIF/AF) for the EMD phase and was restructured to a CPIF in Dec 00 (Retroactive to Jun 00). Contract type is Fixed Price Incentive with Successive Targets (FPI-Successive) for the production options. | | | | | | | | | |

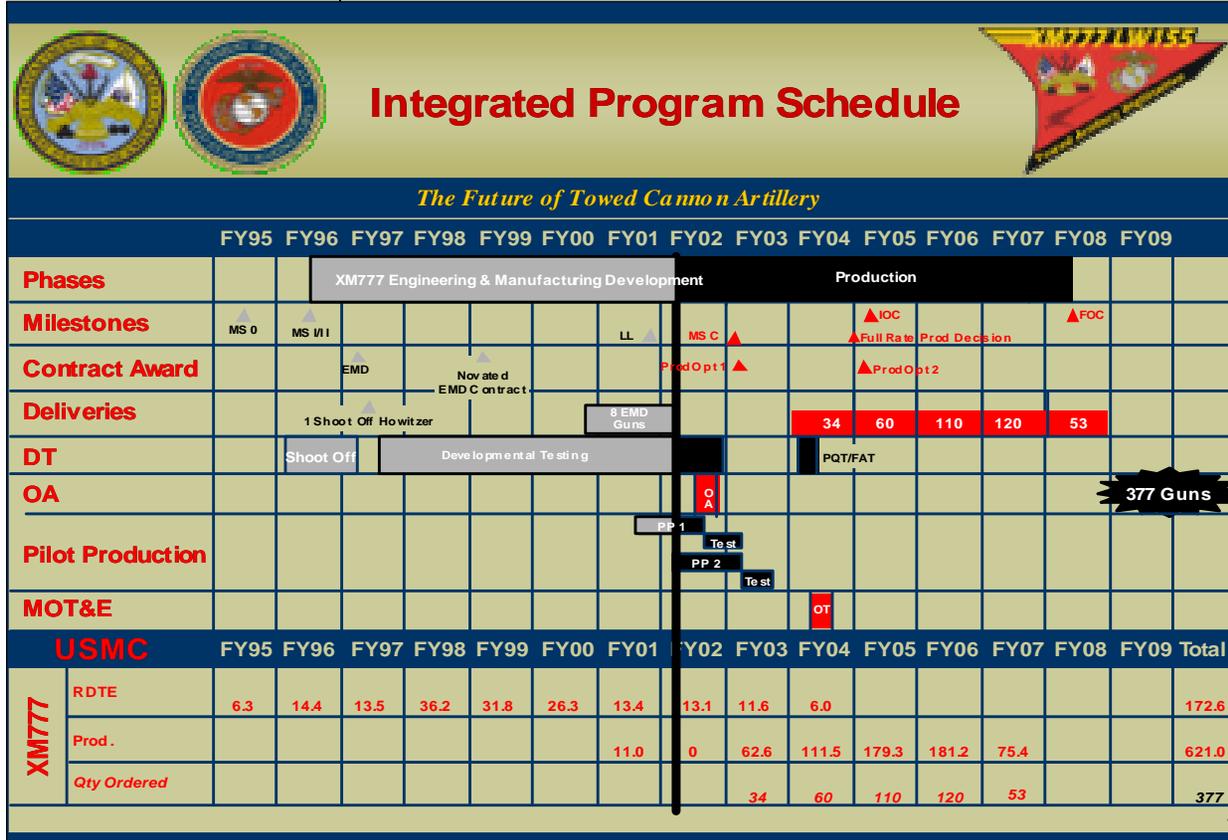
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| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2002 |
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| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME |
| RDT&E, N / BA-4 | 0603635M Marine Corps Ground Combat/Supt Arms | C2112 Lightweight 155mm Howitzer (LW155) |

(U) D. SCHEDULE PROFILE:



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| Exhibit R-3 Cost Analysis | | | | | | DATE: February 2002 | | | | | | |
|--|------------------------------|--------------------------------------|--|---------------|------------------------|---|------------------------|---------------|------------------------|---------------------|---------------|--------------------------------|
| APPROPRIATION/BUDGET ACTIVITY | | | PROGRAM ELEMENT | | | PROJECT NUMBER AND NAME | | | | | | |
| RDT&E, N / BA-4 | | | 0603635M Marine Corps Ground Combat/Supt Arms | | | C2112 Lightweight 155mm Howitzer (LW155) | | | | | | |
| Cost Categories (Tailor to WBS, or Sys/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Product Development | | | | | | | | | | | | |
| Primary Hardware Dev | CPIF | BAE Systems, UK | 31.869 | 5.597 | 02/01 | 6.750 | | 0.000 | | 0.000 | 44.216 | |
| Ancillary Hardware Dev | CPIF | Kara, Bedford, PA | 2.920 | 0.000 | 01/01 | 0.000 | | 0.000 | | 0.000 | 2.920 | |
| Award Fees | CPIF | BAE Systems, UK | 0.316 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.316 | |
| TAD Integration | CPIF | BAE Systems, UK | 0.000 | 0.000 | | 0.800 | | 2.633 | | 0.000 | 3.433 | |
| Mfg &Integr for Risk Mitig | CPIF | BAE Systems, UK | 0.000 | 0.000 | | 1.100 | | 0.000 | | 0.000 | 1.100 | |
| GFE | MIPR | Benet Labs Watervliet Arsenal NY | 13.441 | 0.809 | | 0.000 | | 0.000 | | 0.000 | 14.250 | |
| Govt Dev Eng | MIPR | ARDEC | 10.033 | 1.743 | | 0.800 | | 0.000 | | 0.000 | 12.576 | |
| Govt Dev Eng | MIPR | Misc | 9.484 | 0.400 | | 0.000 | | 0.000 | | 0.000 | 9.884 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Subtotal Product Dev | | | 68.063 | 8.549 | | 9.450 | | 2.633 | | 0.000 | 88.695 | |
| Remarks: | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Support | | | | | | | | | | | | |
| SBIR | TBD | TBD | 0.000 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.000 | |
| Support Contracts | Contract | Various | 2.699 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 2.699 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Subtotal Support | | | 2.699 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 2.699 | |
| Remarks: | | | | | | | | | | | | |

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| Exhibit R-3 Cost Analysis | | | | | | DATE: February 2002 | | | | | | |
|--|------------------------------|--------------------------------------|--|---------------|------------------------|---|------------------------|---------------|------------------------|---------------------|---------------|--------------------------------|
| APPROPRIATION/BUDGET ACTIVITY | | | PROGRAM ELEMENT | | | PROJECT NUMBER AND NAME | | | | | | |
| RDT&E, N / BA-4 | | | 0603635M Marine Corps Ground Combat/Supt Arms | | | C2112 Lightweight 155mm Howitzer (LW155) | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Test & Eval (T&E) | | | | | | | | | | | | |
| Developmental Test & Eval | MIPR | Yuma Proving Ground, Yuma, AZ | 6.977 | 1.497 | | 0.800 | | 6.000 | | 0.000 | 15.274 | |
| Developmental Test & Eval | MIPR | Misc. Government | 3.432 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 3.432 | |
| Operational Assessment | MIPR | Misc. Government | 0.000 | 0.000 | | 1.100 | | 0.000 | | 0.000 | 1.100 | |
| Operational Test & Eval | MIPR | MCOTEA | 0.051 | 1.050 | | 0.000 | | 0.000 | | 5.970 | 7.071 | |
| Test Support | CPIF | BAE Systems, UK | 0.000 | 0.000 | | 0.000 | | 3.000 | | 0.000 | 3.000 | |
| Subtotal T&E | | | 10.460 | 2.547 | | 1.900 | | 9.000 | | 5.970 | 29.877 | |
| Remarks: | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Program Mngmnt | | | | | | | | | | | | |
| Program Mngmnt | MIPR | PMO LW155, Picatinny, NJ | 12.377 | 2.350 | | 1.735 | | 0.000 | | 0.000 | 16.462 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Subtotal Management | | | 12.377 | 2.350 | | 1.735 | | 0.000 | | 0.000 | 16.462 | |
| Remarks: | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Cost | | | 93.599 | 13.446 | | 13.085 | | 11.633 | | 5.970 | 137.733 | |
| | | | | | | | | | | | | |

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|---|--|--------------|--------------|---|--------------|----------------------------|--------------|------------------|---------------|
| EXHIBIT R-2a, RDT&E Project Justification | | | | | | DATE: February 2002 | | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | PROJECT NUMBER AND NAME | | | | | |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | | | C2256 Integrated Infantry Combat System (IICS) | | | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Project Cost | 2.462 | 1.728 | 1.779 | 1.799 | 1.814 | 1.697 | 1.730 | Cont | Cont |
| RDT&E Articles Qty | | | | | | | | | |
| (U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: | | | | | | | | | |
| <p>(U) The program will enhance the Marine Rifle Squad's battlefield capabilities through the development, optimization, and integration of an assortment of Marine systems/components and technologies into a cohesive, timely and combat effective system. These systems/components include weapon, integrated helmet assembly, protective clothing, communication and target acquisition technologies. This will provide the infantryman with increased lethality, survivability and situational awareness enhancements. Initial funding in this line will be utilized to determine and exploit integration opportunities on existing infantry equipment that will be fielded in the near future. Funds will also be utilized for the Research & Development of a future integrated system that is modular in design that will enhance the infantryman's mobility, lethality, survivability and communications. The IICS is an overarching program, consisting of three main phases. The initial phase enables base-lining current systems. The second phase consists of an iterative process integrating mid-term capabilities, and the final phase seeks technology insertions where opportunities exist.</p> | | | | | | | | | |
| PROGRAM ACCOMPLISHMENTS AND PLANS | | | | | | | | | |
| FY 2001 Accomplishments | | | | | | | | | |
| <ul style="list-style-type: none"> • (U) \$ 1.704 Congressional Plus-up for Advanced Modeling and Simulation (M&S) – was awarded following contractual competition. • (U) \$ 0.040 Prototype developed by Soldier Biological Chemical Command (SBCCOM) Natick, MA working integration issues with the development of combat gear. • (U) \$ 0.112 Scenario developed for representative MV-22 Heliborne Assault and subsequent Infantry Operations. • (U) \$ 0.606 Studies, analysis and support services conducted for phase one activities. | | | | | | | | | |
| (U) Total \$ 2.462 | | | | | | | | | |
| FY 2002 Planned Program | | | | | | | | | |
| <ul style="list-style-type: none"> • (U) \$ 0.135 Prototype development by SBCCOM Natick, MA working integration issues with developing items of combat gear. • (U) \$ 0.150 Scenario development for representative AAV Surface Assault and subsequent Infantry Operations. • (U) \$ 0.305 Program management , specialized engineering and technical support • (U) \$ 0.288 Expeditionary Environment Studies (Nuclear Biological and Chemical, Mountain, Jungle, Extreme Cold Weather, Military Operations in Urban Terrain) • (U) \$ 0.850 Integration Development & Experimentation – R&D Integration of Command, Control, Communications, Computer, and Intelligence systems with weapons systems and load carriage equipment. Assessment of Land Warrior system in addressing these integration concerns | | | | | | | | | |
| (U) Total \$ 1.728 | | | | | | | | | |

UNCLASSIFIED

CLASSIFICATION:

| | | | | | | | | |
|---|--|---|---------|---------|---------|---------|------------------|------------|
| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2002 | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME | | | | | | |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | C2256 Integrated Infantry Combat System (IICS) | | | | | | |
| (U) FY 2003 Planned Program: | | | | | | | | |
| <ul style="list-style-type: none"> • (U) \$ 0.150 Prototype development by SBCCOM Natick, MA working integration issues with developing items of combat gear. • (U) \$ 0.150 M&S Scenario Development continues to refine and validate vignettes for assessing IICS efforts. • (U) \$ 0.325 Program management , specialized engineering and technical support • (U) \$ 0.150 Infantry Battalion System Feasibility Study to assess IICS impacts on Weapons Platoons, Companies, and Infantry Battalions. • (U) \$ 1.004 Integration Development, & Experimentation – Refinement of developmental integration in preparation of fielding initial integrated capability for FY 05. Includes C4I, Combat Equipment, and Lethality enhancements to create an initial integrated system capability. | | | | | | | | |
| (U)Total \$ 1.779 | | | | | | | | |
| PROJECT CHANGE SUMMARY: | | | | | | | | |
| | FY2001 | FY2002 | FY2003 | | | | | |
| (U) FY 2002 President's Budget: | 2.581 | 1.743 | | | | | | |
| (U) Adjustments from the President's Budget: | | | | | | | | |
| (U) SBIR/STTR Transfer | -0.053 | | | | | | | |
| (U) Execution Adjustment | | | | | | | | |
| (U) Minor Affordability Adjustment | | | | | | | | |
| (U) Program Adjustment | -0.066 | -0.015 | | | | | | |
| (U) FY 2003 President's Budget: | 2.462 | 1.728 | 1.779 | | | | | |
| CHANGE SUMMARY EXPLANATION: | | | | | | | | |
| (U) Funding: See Above. | | | | | | | | |
| (U) Schedule: Not Applicable. | | | | | | | | |
| (U) Technical: Not Applicable. | | | | | | | | |
| (U) B. OTHER PROGRAM FUNDING SUMMARY: | | | | | | | | |
| <u>Line Item No. & Name</u> | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 To Compl | Total Cost |
| Not Applicable. | | | | | | | | |
| (U) Related RDT&E: | | | | | | | | |
| (U) PE 0602131M (Marine Corps Landing Force Technology) | | | | | | | | |
| (U) PE 0603640M (Marine Corps Advanced Technology Demonstration) | | | | | | | | |
| (U) PE 64657A ((US Army Land Warrior Program) | | | | | | | | |
| (U) C. ACQUISITION STRATEGY: * An explanation of acquisition, management, and contracting strategies shall be provided for each project. | | | | | | | | |
| The Intergrated Infantry Combat System envisions a phased approach of enhancements to the rifle squad with an endstate of synergizing that squad as a "system." Modularity and integration are paramount design factors. We can manage the risks associated with technology creep and cost by 1) improving the equipment and making it modular in form, 2) integrating these individual improvements into the squad as a whole, and 3) completing this via a phased approach. | | | | | | | | |
| (U) D. SCHEDULE PROFILE: Not Applicable. | | | | | | | | |

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CLASSIFICATION:

| Exhibit R-3 Cost Analysis | | | | | | | DATE: October 2001 | | | | | |
|--|------------------------------|--------------------------------------|--|---------------|------------------------|--|---------------------------|---------------|------------------------|---------------------|---------------|--------------------------------|
| APPROPRIATION/BUDGET ACTIVITY | | | PROGRAM ELEMENT | | | PROJECT NUMBER AND NAME | | | | | | |
| RDTE&E, N/BA-4 Dem/Val | | | 0603635M MC Ground Combat/Supt Arms | | | C2256 Integrated Infantry Combat System | | | | | | |
| Cost Categories (Tailor to WBS, or Sys/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Product Development | MIPR | Batelle Corp., Columbus, OH | 0.082 | 0.112 | 10/00 | 0.150 | 11/01 | 0.150 | 11/02 | 0.000 | 0.494 | |
| Product Development | MIPR | SBCCOM, NATICK | 0.085 | 0.040 | 01/01 | 0.135 | 12/01 | 0.150 | 10/02 | Continuing | Continuing | |
| Product Development | MIPR | SAIC, Corp | 0.297 | 0.152 | 10/00 | 0.263 | 12/01 | 0.150 | 10/02 | Continuing | Continuing | |
| Product Development | RCP | MCSC Contracts | 0.000 | 1.704 | 05/01 | 0.850 | 10/01 | 1.004 | 12/02 | Continuing | Continuing | |
| Subtotal Product Dev | | | 0.464 | 2.008 | | 1.398 | | 1.454 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| SUPPORT | | | | | | | | | | | | |
| Program Support | WR | NSWC DALGREN | 0.000 | 0.224 | 03/01 | | | | | | 0.224 | |
| Program Support | RCP | ALS, Inc. | 0.136 | | | | | | | 0.000 | 0.136 | |
| Program Support | RCP | Bae, Inc. | 0.000 | 0.136 | 10/00 | 0.225 | 10/01 | 0.220 | 10/02 | Continuing | Continuing | |
| Subtotal Support | | | 0.136 | 0.360 | | 0.225 | | 0.220 | | | 0.721 | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Developmental Test & Eval | | | | | | | | | | | 0.000 | |
| Operational Test & Eval | | | | | | | | | | | 0.000 | |
| Tooling | | | | | | | | | | | 0.000 | |
| Subtotal T&E | | | 0.000 | 0.000 | | 0.000 | | 0.000 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Prog Mgmt Spt | RCP | Bae, Inc. | 0.000 | 0.068 | 10/00 | 0.075 | 10/01 | 0.075 | 10/02 | Continuing | Continuing | |
| Travel | WR | MCSC | 0.030 | 0.026 | 10/00 | 0.030 | 10/01 | 0.030 | 10/02 | Continuing | Continuing | |
| Subtotal Management | | | 0.030 | 0.094 | | 0.105 | | 0.105 | | 0.000 | 0.229 | |
| Remarks: | | | | | | | | | | | | |
| Total Cost | | | | 2.462 | | 1.728 | | 1.779 | | Continuing | Continuing | |

UNCLASSIFIED

CLASSIFICATION:

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|--|--|--------------|--------------|--------------|--------------|------------------------------------|--------------|------------------|---------------|
| EXHIBIT R-2a, RDT&E Project Justification | | | | | | DATE: February 2002 | | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | | | PROJECT NUMBER AND NAME | | | |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | | | | | C2507 Family of Small Craft | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Project Cost | 0.896 | 2.904 | 1.065 | 1.648 | 1.710 | 0.000 | 0.000 | 0.000 | 8.223 |
| RDT&E Articles Qty | | | | | | | | | |

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(U) The Light Strike Craft (LSC) will be the primary mobility platform for Marine Small boat operations in support of Operational Maneuver From the Sea (OMFTS). The LSC will replace a portion of the Combat Rubber Reconnaissance Craft (CRRC) inventory.

(U) The Small Unit Riverine Craft (SURC) will provide tactical mobility as a troop carrier for elements of a Marine Air Ground Task Force (MAGTF) Ground Combat Element (GCE) in the Riverine Environment. The SURC will replace the Rigid Raiding Craft (RRC)

PROGRAM ACCOMPLISHMENTS AND PLANS

FY 2001 Planned Program

- (U) \$ 0.469 Continued Integration and Testing of Non Developmental Item (NDI) System Components / Performance & Functioning Testing.
- (U) \$ 0.000 Prepared plans for fabrication of Developmental Testing (DT) Prototype Craft / finalized Government Furnished Equipment Integration/ Design Fabrication of Gun Mount.
- (U) \$ 0.300 Conducted Business Case Analysis and Requirements Hierarchy
- (U) \$ 0.127 Continued Government Project Management Office support for the SURC Program.

(U) Total \$ 0.896

FY 2002 Planned Program

- (U) \$ 0.125 Design and test of mobility support equipment for use with the Landing Craft Air Cushioned (LCAC), CH-53 Helicopter, Sealift.
- (U) \$ 1.650 Fabrication of Operational Test (OT) Prototype craft.
- (U) \$ 1.054 Operational Test and Eval/ Certification and safety testing.
- (U) \$ 0.075 Program Support.

(U) Total \$ 2.904

(U) FY 2003 Planned Program:

- (U) \$ 0.105 Test LSC craft
- (U) \$ 0.888 Fabrication of LSC prototype/Developmental testing
- (U) \$ 0.072 Program Support

(U) Total \$ 1.065

UNCLASSIFIED

CLASSIFICATION:

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|--|---|-----------------------------|----------------------|---------|---------|---------|------------------|------------|------------|
| EXHIBIT R-2a, RDT&E Project Justification | | DATE: | February 2002 | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME | | | | | | | |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | C2507 Family of Small Craft | | | | | | | |
| PROJECT CHANGE SUMMARY: | | | | | | | | | |
| | FY2001 | FY2002 | FY2003 | | | | | | |
| (U) FY 2002 President's Budget: | 1.741 | 2.930 | | | | | | | |
| (U) Adjustments from the President's Budget: | | | | | | | | | |
| (U) SBIR/STTR Transfer | -0.044 | | | | | | | | |
| (U) Execution Adjustment | -0.139 | | | | | | | | |
| (U) Minor Affordability Adjustment | | -0.026 | | | | | | | |
| (U) Program Adjustment | -0.662 | | | | | | | | |
| (U) FY 2003 PRESBUD Budget: | 0.896 | 2.904 | 1.065 | | | | | | |
| CHANGE SUMMARY EXPLANATION: | | | | | | | | | |
| (U) Funding: See Above. | | | | | | | | | |
| (U) Schedule: Not Applicable. | | | | | | | | | |
| (U) Technical: Not Applicable. | | | | | | | | | |
| (U) B. OTHER PROGRAM FUNDING SUMMARY: | | | | | | | | | |
| <u>Line Item No. & Name</u> | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 To Compl | Total Cost | |
| (U) PMC BLI#643400 Amphib Raid Equip | 0.000 | 2.319 | 22.295 | 26.439 | 13.956 | 13.461 | 12.284 | Continuing | Continuing |
| (U) Related RDT&E: Not Applicable. | | | | | | | | | |
| (U) C. ACQUISITION STRATEGY: | | | | | | | | | |
| <p>The acquisition strategy consists of a market survey to identify Off-The-Shelf / Non-Developmental Item baseline competitors. This will be followed by a release of desired capabilities/specifications and establishment of the trade space parameters. Curr</p> | | | | | | | | | |

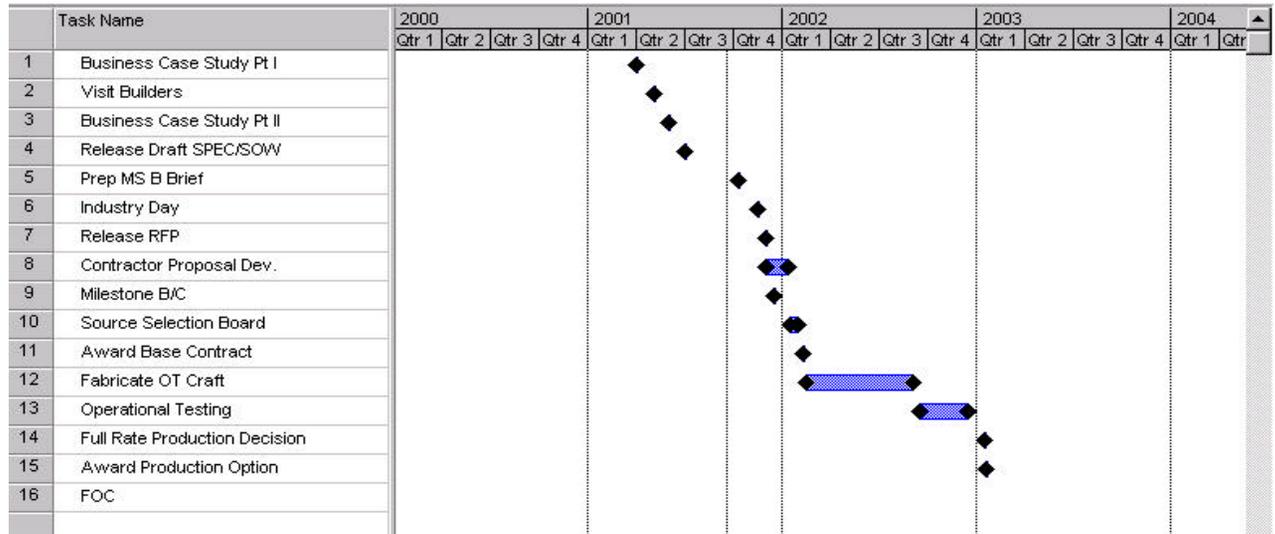
UNCLASSIFIED

CLASSIFICATION:

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|--|--|------------------------------------|
| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2002 |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | C2507 Family of Small Craft |

(U) D. SCHEDULE PROFILE:

SURC



(Note: IOC occurs in FY 2003. FOC occurs in FY 2005.)

| <u>Program Funding Summary</u> | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007 To Compl</u> | <u>Total Cost</u> |
|--|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|-------------------|
| (APPN, BLI #, NOMEN) | | | | | | | | |
| (U) RDT&E,N | 0.862 | 2.904 | 0.094 | 0.000 | 0.000 | 0.000 | 0.000 | 3.860 |
| (U) PMC,BLI#643400,Amphib Raid Equip (SURC) | 0.000 | 0.000 | 12.348 | 16.554 | 0.069 | 0.000 | 0.000 | 28.971 |

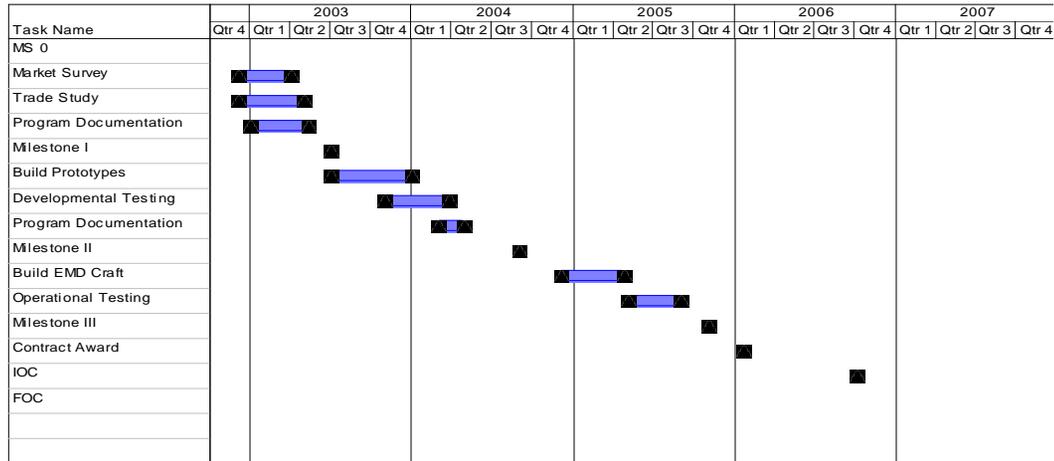
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CLASSIFICATION:

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|--|--|------------------------------------|
| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2002 |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | C2507 Family of Small Craft |

(U) D. SCHEDULE PROFILE:

LIGHT STRIKE CRAFT



| <u>Program Funding Summary</u> | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007 To Compl</u> | <u>Total Cost</u> |
|--|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|-------------------|
| (APPN, BLI #, NOMEN) | | | | | | | | |
| (U) RDT&E,N | 0.000 | 0.000 | 0.971 | 1.648 | 1.710 | 0.000 | 0.000 | 4.329 |
| (U) PMC,BLI#643400,Amphib Raid Eq (LSC) | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 5.653 | 5.596 Continuing | 11.249 |

UNCLASSIFIED

CLASSIFICATION:

| Exhibit R-3 Cost Analysis | | | | | | DATE: February 2002 | | | | | | |
|--|------------------------------|--------------------------------------|--|---------------|------------------------|------------------------------------|------------------------|---------------|------------------------|---------------------|---------------|--------------------------------|
| APPROPRIATION/BUDGET ACTIVITY | | | PROGRAM ELEMENT | | | PROJECT NUMBER AND NAME | | | | | | |
| RDT&E, N /BA-4 Dem/Val | | | 0603635M MC Ground Combat/Supt Arms | | | C2507 Family of Small Craft | | | | | | |
| Cost Categories (Tailor to WBS, or Sys/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PYs Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| PRODUCT DEV | | | | | | | | | | | | |
| Primary Hardware Dev | TBD | TBD | | | | 1.655 | 10/01 | 0.888 | 10/02 | | 2.543 | |
| Ancillary Hardware Dev | | | | | | | | | | | 0.000 | |
| Systems Engineering | WR | NSWC Carderock, Suffolk, VA | 1.227 | 0.572 | 10/00 | 0.175 | 10/01 | | | Continuing | Continuing | |
| Systems Engineering | WR | NSWC Carderock, Suffolk, VA | 0.075 | 0.235 | 10/00 | | | | | Continuing | Continuing | |
| GFE | TBD | | | | | 0.224 | 10/01 | | | | 0.224 | |
| Subtotal Product Dev | | | 1.302 | 0.807 | | 2.054 | | 0.888 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| SUPPORT | | | | | | | | | | | | |
| Development Support Equip | | | | | | | | | | | 0.000 | |
| Software Development | | | | | | | | | | | 0.000 | |
| Training Development | | | | | | | | | | | 0.000 | |
| Integrated Logistics Support | RCP | BAE Inc., Triangle, VA | 0.080 | 0.089 | 10/00 | 0.075 | 10/01 | 0.072 | 10/02 | Continuing | Continuing | |
| Configuration Management | | | | | | | | | | | 0.000 | |
| Technical Data | | | | | | | | | | | 0.000 | |
| Subtotal Support | | | 0.080 | 0.089 | | 0.075 | | 0.072 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |

UNCLASSIFIED

CLASSIFICATION:

| Exhibit R-3 Cost Analysis | | | | | | | DATE: February 2002 | | | | | |
|--|------------------------------|--------------------------------------|---|---------------|------------------------|---------------|---|---------------|------------------------|---------------------|---------------|--------------------------------|
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Dem/Val | | | PROGRAM ELEMENT 0603635M MC Ground Combat/Supt Arms | | | | PROJECT NUMBER AND NAME C2507 Family of Small Craft | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PYs Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| T&E | | | | | | | | | | | | |
| Developmental Test & Eval | RCP | TBD | | | | | | 0.105 | 10/02 | | | 0.105 |
| Operational Test & Eval | WR | MCOTEA | | | | 0.475 | 03/02 | | | | | 0.475 |
| Developmental Test & Eval | WR | NSWC, Carderock, Suffolk, VA | | | | 0.300 | 10/01 | | | Continuing | | Continuing |
| Subtotal T&E | | | 0.000 | 0.000 | | 0.775 | | 0.105 | | Continuing | | Continuing |
| Remarks: | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PYs Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| MANAGEMENT | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | 0.000 |
| | | | | | | | | | | | | 0.000 |
| | | | | | | | | | | | | 0.000 |
| | | | | | | | | | | | | 0.000 |
| Subtotal Management | | | 0.000 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.000 | 0.000 |
| Remarks: | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Total Cost | | | | 0.896 | | 2.904 | | 1.065 | | Continuing | | Continuing |
| | | | | | | | | | | | | |

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2002

| | | | | | | | | | |
|--|--|---------|---------|---------|---|---------|---------|------------------|---------------|
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | | PROJECT NUMBER AND NAME | | | | |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | | | | C2508 Internally Transportable Vehicle (ITV) | | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Project Cost | 4.125 | 3.965 | 1.989 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 10.079 |
| RDT&E Articles Qty | 8 | | | | | | | | |

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Internally Transportable Vehicles (ITV) program was previously known as the Light Strike Vehicle (LSV) program. This project develops a joint MV-22 aircraft transportable family of light tactical, wheeled vehicles. The ITV's will provide reconnaissance units with a high mobility weapons platform. Follow-on variants will address logistics, command and control, medical and personnel movement missions. The ITV will replace the Fast Attack Vehicles (FAVs) currently employed throughout the Marine Air Ground Task Force (MAGTF).

PROGRAM ACCOMPLISHMENTS AND PLANS

FY 2001 Accomplishments

- (U) \$ 2.256 Completed Demonstration and Validation for FY 2000 and FY 2001 funds.
- (U) \$ 0.057 Provided In House program management and travel.
- (U) \$ 0.430 Provided Engineering and Logistic Support.
- (U) \$ 1.382 Conducted Automotive, Aircraft, Weapons, and Reliability testing.

(U) Total \$ 4.125

FY 2002 Planned Program

- (U) \$ 1.200 Research and engineering trade studies.
- (U) \$ 1.300 Conduct prototype and developmental testing.
- (U) \$ 0.915 Provide In house program management and travel.
- (U) \$ 0.550 Provide Engineering and Logistic Support.

(U) Total \$ 3.965

FY 2003 Planned Program

- (U) \$ 1.200 Research and engineering trade studies.
- (U) \$ 0.489 Provide In house program management and travel.
- (U) \$ 0.300 Provide Engineering and Logistic Support.

(U) Total \$ 1.989

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2002

| | | |
|---|---|--|
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | C2508 Internally Transportable Vehicle (ITV) |

PROJECT CHANGE SUMMARY:

| | | | |
|--|--------|--------|---------|
| | FY2001 | FY2002 | FY 2003 |
| (U) FY 2002 President's Budget: | 6.570 | 2.451 | |
| (U) Adjustments from the President's Budget: | | | |
| (U) SBIR/STTR Transfer | -0.131 | | |
| (U) Execution Adjustment | | | |
| (U) Minor Affordability Adjustment | | -0.035 | |
| (U) Program Adjustment | -2.314 | 1.549 | |
| (U) FY 2003 Presidents Budget: | 4.125 | 3.965 | 1.989 |

CHANGE SUMMARY EXPLANATION:

(U) Funding: FY 2001 reflects a decrease of \$131K for SBIR and \$2.314K program adjustment. FY 2002 reflects a program adjustment of \$1.514K and FY 2003 reflects a program adjustment of \$1.989K.

(U) Technical:

(U) B. OTHER PROGRAM FUNDING SUMMARY:

| Line Item No. & Name | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 To Compl | Total Cost |
|-----------------------------------|---------|---------|---------|---------|---------|---------|------------------|------------|
| (U) PMC BLI# 654500 Family of ITV | 0.000 | 0.000 | 0.000 | 3.969 | 7.986 | 8.641 | 8.242 Continuing | Continuing |

(U) Related RDT&E: USSOCOM joint participation in ITV program – USSOCOM funding applied toward their mission specific vehicle variants.

(U) C. ACQUISITION STRATEGY: The program is full and open competition, looking for the "best value" approach to satisfy the operational requirements.

The program has both an Acquisition Strategy and an Acquisition Plan that addresses the total program fielding. Contractors delivered 8 prototype vehicles in FY01 for verification and performance testing. Follow-on research and testing will take place in FY02 as Concepts of Employment and operational requirements are refined, and the purchase of vehicles will begin in FY04.

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2002

APPROPRIATION/BUDGET ACTIVITY

PROGRAM ELEMENT NUMBER AND NAME

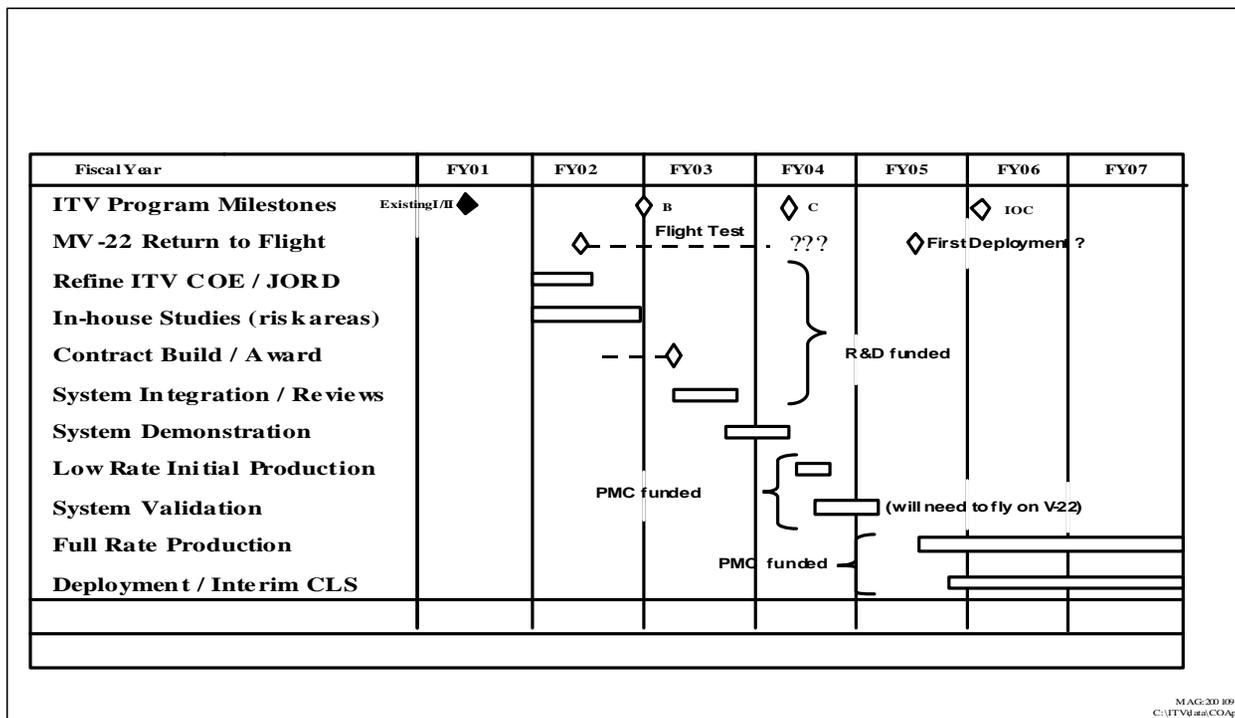
PROJECT NUMBER AND NAME

RDT&E, N /BA-4 Demonstration/Validation

0603635M Marine Corps Ground Combat/Supt Arms

C2508 Internally Transportable Vehicle (ITV)

(U) D. SCHEDULE PROFILE:



Program Funding Summary

(APPN, BLI #, NOMEN)

| | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | To Compl | Total Cost |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|------------|------------|
| (U) RDT&E,N | 4.125 | 3.965 | 1.989 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 10.079 |
| (U) PMC BLI# 654500 Family of ITV | 0.000 | 0.000 | 0.000 | 3.969 | 7.986 | 8.641 | 8.242 | Continuing | Continuing |

UNCLASSIFIED

CLASSIFICATION:

| Exhibit R-3 Cost Analysis | | | | | | DATE: February 2002 | | | | | | |
|--|------------------------|--------------------------------|---|--------------|------------------|--|------------------|--------------|------------------|------------------|--------------|--------------------------|
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Dem/Val | | | PROGRAM ELEMENT 0603635M MC Ground Combat/Supt Arms | | | PROJECT NUMBER AND NAME C2508 Internally Transportable Vehicle (ITV) | | | | | | |
| Cost Categories (Tailor to WBS, or Sys/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Primary Hardware Dev | | | | | | | | | | | 0.000 | |
| Ancillary Hardware Dev | | | | | | | | | | | 0.000 | |
| Systems Engineering | | | | | | | | | | | 0.000 | |
| Licenses | | | | | | | | | | | 0.000 | |
| Tooling | | | | | | | | | | | 0.000 | |
| GFE | | | | | | | | | | | 0.000 | |
| Award Fees | | | | | | | | | | | 0.000 | |
| Prototype Development | RCP | MCSC | 4.200 | 2.254 | 02/01 | 0.000 | | | | 0.000 | 6.454 | |
| Subtotal Product Dev | | | 4.200 | 2.254 | | 0.000 | | 0.000 | | 0.000 | 6.454 | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Development Support Equip | | | | | | | | | | | 0.000 | |
| Software Development | | | | | | | | | | | 0.000 | |
| Training Development | | | | | | | | | | | 0.000 | |
| Integrated Logistics Support | | | | | | | | | | | 0.000 | |
| Configuration Management | | | | | | | | | | | 0.000 | |
| Technical Data | | | | | | | | | | | 0.000 | |
| Development Support | WR | NSWC, Carderock | 0.346 | 0.225 | 12/00 | 0.500 | 12/01 | 0.100 | 12/02 | 0.000 | 1.171 | |
| Development Support | MIPR | WES Army Eng | 0.075 | 0.050 | 12/00 | 0.000 | 12/01 | 0.100 | 12/02 | 0.000 | 0.225 | |
| Aircraft Interface | WR | NAWC, AD | 0.075 | 0.025 | 12/00 | 0.450 | 12/01 | 0.300 | 12/02 | 0.000 | 0.850 | |
| Development Support | WR | NSWC Crane | 0.035 | 0.030 | 12/00 | 0.100 | 12/01 | 0.200 | 12/02 | 0.000 | 0.365 | |
| Structural Analysis | MIPR | TACOM (PM) | 0.060 | 0.125 | 12/00 | 0.450 | 12/01 | 0.000 | 12/02 | 0.000 | 0.635 | |
| Subtotal Support | | | 0.591 | 0.455 | 12/00 | 1.500 | 12/01 | 0.700 | 12/02 | 0.000 | 3.246 | |
| Remarks: | | | | | | | | | | | | |

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CLASSIFICATION:

| Exhibit R-3 Cost Analysis | | | | | | | DATE: February 2002 | | | | | |
|--|------------------------|--------------------------------|---|--------------|------------------|--|----------------------------|--------------|------------------|------------------|---------------|--------------------------|
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Dem/Val | | | PROGRAM ELEMENT 0603635M MC Ground Combat/Supt Arms | | | PROJECT NUMBER AND NAME C2508 Internally Transportable Vehicle (ITV) | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Developmental Test & Eval | | | | | | | | | | | 0.000 | |
| Operational Test & Eval | | | | | | | | | | | 0.000 | |
| Tooling | | | | | | | | | | | 0.000 | |
| Reliability Testing | MIPR | APG, Test Center | 0.050 | 1.089 | 12/00 | 0.500 | 12/01 | 0.200 | 12/02 | 0.000 | 1.839 | |
| Developmental Test & Eval | WR | NAWC, AD | 0.000 | 0.200 | 12/00 | 0.700 | 12/01 | 0.300 | 12/02 | 0.000 | 1.200 | |
| Subtotal T&E | | | 0.050 | 1.289 | | 1.200 | | 0.500 | | 0.000 | 3.039 | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Contractor Eng Suppt | | | | | | 0.325 | 12/01 | 0.300 | 12/01 | 0.000 | 0.625 | |
| Govt Engineering Suppt | | | | | | 0.600 | 12/01 | 0.200 | 12/01 | 0.000 | 0.800 | |
| Prog. Mgt, Spt, & Tvl | | | 0.056 | 0.127 | | 0.340 | 12/01 | 0.289 | 12/01 | 0.000 | 0.812 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Subtotal Management | | | 0.056 | 0.127 | | 1.265 | | 0.789 | | 0.000 | 2.237 | |
| Remarks: | | | | | | | | | | | | |
| Total Cost | | | 4.897 | 4.125 | | 3.965 | | 1.989 | | 0.000 | 14.976 | |

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CLASSIFICATION:

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|--|---|--------------|---------------|---|---------------|-----------------------|----------------------------|------------------|---------------|
| EXHIBIT R-2a, RDT&E Project Justification | | | | | | | DATE: February 2002 | | |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation | PROGRAM ELEMENT NUMBER AND NAME 0603635M Marine Corps Ground Combat/Supt Arms | | | PROJECT NUMBER AND NAME C2614 Shoulder-Launched Multi-Purpose Assault Weapon (SMAW) Follow-on | | | | | |
| COST (\$ in Millions) | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Cost to Complete | Total Program |
| Project Cost | 2.908 | 0.000 | 10.423 | 10.439 | 16.822 | 9.815 | 1.116 | 0.000 | 51.523 |
| RDT&E Articles Qty | | | | | | 18 FCS/700 Rds | | | |
| (U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: | | | | | | | | | |
| <p>Follow-on to the Shoulder-Launched Multi-Purpose Assault Weapon (FOTS) is an accurate, shoulder-fired, assault weapon designed to defeat a variety of targets on the battlefield. It consists of a launcher, sighting and fire control system, and projectile. FOTS will replace the Shoulder-Launched Multi-Purpose Assault Weapon (SMAW) without loss of present capabilities while providing: 1) fire from enclosure capability, 2) reduced launcher signature, 3) increased lethality, 4) greater breaching effects, 5) lighter weight, 6) increased reliability, and 7) increased availability.</p> | | | | | | | | | |
| PROGRAM ACCOMPLISHMENTS AND PLANS | | | | | | | | | |
| FY 2001 Planned Program: | | | | | | | | | |
| <ul style="list-style-type: none"> • (U) \$ 1.052 Continued Warhead Development/Risk Reduction (Wall Breaching Round & Thermobarics) • (U) \$ 0.035 Provided govt. Program Management / In-House Support. • (U) \$ 0.928 Provided govt. engineering and technical support. • (U) \$ 0.248 Provided funds for Low Signature Ejection Technology (LOSET) Propulsion Risk Reduction Effort • (U) \$ 0.645 Provided funds for Tri-mode fuze development • (U) \$ 0.000 \$1.295 Forward Financed activities from FY 00 to complete propulsion system technology (fire from enclosure) demonstration effort. | | | | | | | | | |
| (U) Total \$ 2.908 | | | | | | | | | |
| FY 2002 Planned Program: Not Applicable | | | | | | | | | |
| (U) FY 2003 Planned Program: | | | | | | | | | |
| <ul style="list-style-type: none"> • (U) \$ 5.700 System Integration Contracts • (U) \$ 1.504 Conduct Systems Testing and Evaluations in support of Source Selection for Phase B • (U) \$ 0.729 Provide govt. Program Management / In-House Support • (U) \$ 0.990 Provide govt. engineering and technical support • (U) \$ 0.550 Wall Breaching Round Technology Demonstration • (U) \$ 0.950 Tri-Mode Fuze Technology Demonstration | | | | | | | | | |
| (U) Total \$ 10.423 | | | | | | | | | |

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|---|--|---------|---------|--|---------|-------------------------------|------------------|------------|------------|
| EXHIBIT R-2a, RDT&E Project Justification | | | | | | DATE: February 2002 | | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | | | PROJECT NUMBER AND NAME | | | | | |
| RDT&E, N /BA-4 Demonstration/Validation | 0603635M Marine Corps Ground Combat/Supt Arms | | | C2614 Shoulder-Launched Multi-Purpose Assault Weapon (SMAW) Follow-on | | | | | |
| PROJECT CHANGE SUMMARY: | | | | | | | | | |
| | FY2001 | FY2002 | FY2003 | | | | | | |
| (U) FY 2002 President's Budget: | 2.972 | 0.000 | | | | | | | |
| (U) Adjustments from the President's Budget: | | | | | | | | | |
| (U) SBIR/STTR Transfer | -0.064 | | | | | | | | |
| (U) Execution Adjustment | | | | | | | | | |
| (U) Minor Affordability Adjustment | | | | | | | | | |
| (U) Program Adjustment | | | | | | | | | |
| (U) FY 2003 PRESBUD Budget: | 2.908 | 0.000 | 10.423 | | | | | | |
| CHANGE SUMMARY EXPLANATION: | | | | | | | | | |
| (U) Funding: See Above. | | | | | | | | | |
| (U) Schedule: Not Applicable. | | | | | | | | | |
| (U) Technical: Not Applicable. | | | | | | | | | |
| (U) B. OTHER PROGRAM FUNDING SUMMARY: | | | | | | | | | |
| | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 To Compl | Total Cost | |
| (U) PMC 220900; Mod Kits:Arty&Other | 3.470 | 1.459 | 4.890 | 4.448 | 10.584 | 18.705 | 96.283 | Continuing | Continuing |
| (U) Related RDT&E: Not Applicable. | | | | | | | | | |
| (U) C. ACQUISITION STRATEGY: | | | | | | | | | |
| The acquisition strategy for Follow-On-To-Shoulder-Launched Multi-Purpose Assault Weapon (FOTS) represents a fundamental shift from the traditional military systems acquisition paradigm in which external market demand is leveraged by offering a fully developed system to external markets. Rather, the market place will influence the determination of the ultimate design of the weapon in order to capitalize on an expanded customer base to facilitate interoperability and achieve economies of scale. The concept and technology phase will be sole source, cost plus fixed fee in order to utilize funding provided through Congressional Enhancement funding. System development and demonstration phase will be full and open competition, cost plus fixed fee. | | | | | | | | | |

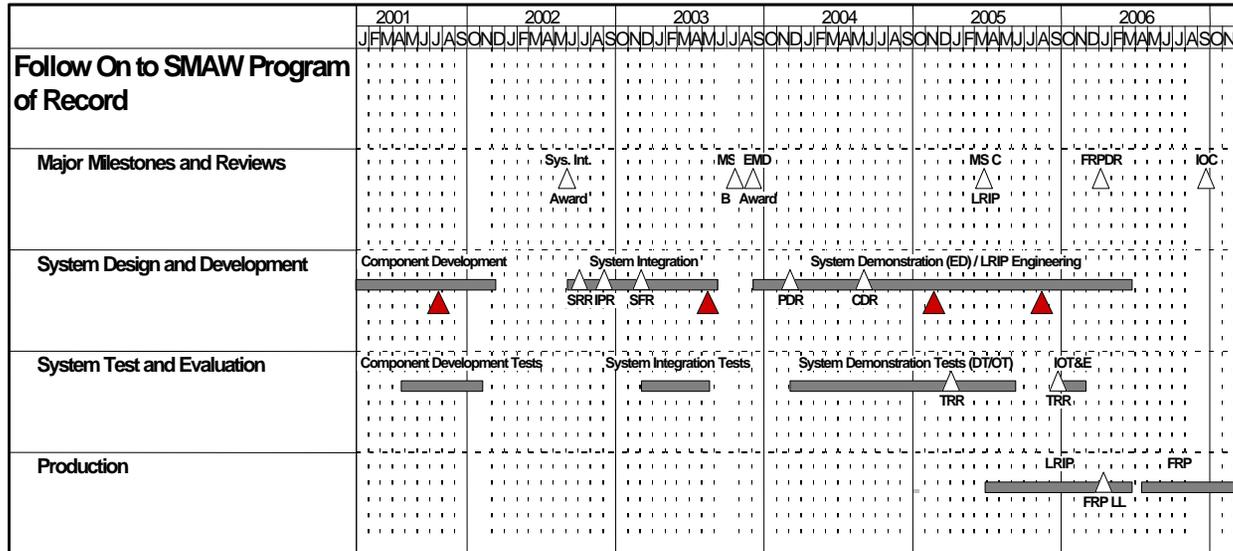
UNCLASSIFIED

CLASSIFICATION:

| | | |
|---|---|---|
| EXHIBIT R-2a, RDT&E Project Justification | | DATE: February 2002 |
| APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation | PROGRAM ELEMENT NUMBER AND NAME 0603635M Marine Corps Ground Combat/Supt Arms | PROJECT NUMBER AND NAME C2614 Shoulder-Launched Multi-Purpose Assault Weapon (SMAW) Follow-on |

(U) D. SCHEDULE PROFILE:

FOLLOW ON TO SMAW (FOTS)



Program Funding Summary

| | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>To Compl</u> | <u>Total Cost</u> |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-------------------|
| (U) RDT&E,N | 2.908 | 0.000 | 10.423 | 10.439 | 16.822 | 9.815 | 1.116 | 0.000 | 51.523 |
| (U) 220900; Mod Kits:Arty&Other | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 6.053 | 83.174 | 286.410 | 375.637 |

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CLASSIFICATION:

| Exhibit R-3 Cost Analysis | | | | | | | DATE: February 2002 | | | | | |
|--|------------------------------|--------------------------------------|--|---------------|------------------------|-----------------------------|------------------------|---------------|------------------------|---------------------|---------------|--------------------------------|
| APPROPRIATION/BUDGET ACTIVITY | | | PROGRAM ELEMENT | | | PROJECT NUMBER AND NAME | | | | | | |
| RDT&E, N /BA-4 Dem/Val | | | 0603635M MC Ground Combat/Supt Arms | | | C2614 SMAW Follow-on | | | | | | |
| Cost Categories (Tailor to WBS, or Sys/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Product Development | SS/CPAF | CMS Defense Systems, Titusville, FL | 2.600 | 1.400 | 12/00 | 0.000 | | 0.000 | | 0.000 | 4.000 | |
| Product Development | SS/CPAF | InvenCom Inc., Charlotte, NC | 1.300 | 0.000 | 01/00 | 0.000 | | 0.000 | | 0.000 | 1.300 | |
| Product Development | SS/CPAF | Raphael, USA | 0.000 | 0.600 | 06/01 | 0.000 | | 0.000 | | 0.000 | 0.600 | |
| Product Development | C/CPAF | TBD Contractor X 3 | | 0.000 | | 0.000 | | 5.700 | 10/02 | Continuing | Continuing | |
| Product Development | C/CPAF | TBD Contractor | | | | | | 0.950 | 10/02 | Continuing | Continuing | |
| Subtotal Product Dev | | | 3.900 | 2.000 | | 0.000 | | 6.650 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Integrated Logistics Support | | TBD | | | | | | 0.100 | 10/03 | | 0.100 | |
| Configuration Management | | TBD | | | | | | 0.200 | 10/03 | | 0.200 | |
| Technical Data | | TBD | | | | | | 0.200 | 10/03 | | 0.200 | |
| Program Support | WR | NSWC, Dahlgren, VA | 2.207 | 0.370 | 12/00 | 0.000 | | 0.000 | | 0.000 | 2.577 | |
| Program Support | WR | NAVSEA | 0.073 | 0.428 | 12/00 | 0.000 | | 0.990 | 10/03 | Continuing | Continuing | |
| Program Support | C/IDIQ | Telecolote Inc., Huntsville, AL | 0.124 | 0.000 | | 0.000 | | 0.050 | 05/03 | 0.000 | 0.174 | |
| Program Support | C/CPIF | ALS, Inc. Dumfries, VA | 0.027 | 0.000 | | 0.000 | | 0.000 | | 0.000 | 0.027 | |
| Program Support | C/FFP | BAE Systems, Stafford, VA | 0.000 | 0.000 | | 0.000 | | 0.400 | 10/03 | 0.000 | 0.400 | |
| Subtotal Support | | | 2.431 | 0.798 | | 0.000 | | 1.940 | | 0.000 | 5.169 | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| T&E | | | | | | | | | | | | |
| Developmental Test & Eval | | TBD | | | | | | 1.104 | 05/03 | | 1.104 | |
| Subtotal T&E | | | 0.000 | 0.000 | | 0.000 | | 1.104 | | Continuing | Continuing | |
| Remarks: | | | | | | | | | | | | |
| Cost Categories (Tailor to WBS, or System/Item Requirements) | Contract Method & Type | Performing Activity & Location | Total PY s Cost | FY 01 Cost | FY 01 Award Date | FY 02 Cost | FY 02 Award Date | FY 03 Cost | FY 03 Award Date | Cost to Complete | Total Cost | Target Value of Contract |
| Management Support | WR | MCSC, Quantico, VA (TAD) | 0.296 | 0.110 | 10/00 | 0.000 | | 0.729 | 10/03 | 0.000 | 1.135 | |
| Subtotal Management | | | 0.296 | 0.110 | | 0.000 | | 0.729 | | 0.000 | 1.135 | |
| Remarks: | | | | | | | | | | | | |
| Total Cost | | | | 2.908 | | 0.000 | | 10.423 | | Continuing | Continuing | |