

Exhibit R-2, RDT&E Budget Item Justification									DATE: February 2000	
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/07					R-1 ITEM NOMENCLATURE National Military Command System (NMCS) Support/0302016K					
COST (in millions)		FY99	FY00	FY01	FY02	FY03	FY04	FY05	Cost to Complete	Total Cost
Total Program Element		.642	.608	.641	.649	.674	.689	.704	Contg	Contg
NMCS Command Center Engineering/S32		.642	.608	.641	.649	.674	.689	.704	Contg	Contg

A. Mission Description and Budget Item Justification:  
This program provides concept development, requirements definition, technical specifications, proof-of-concept testing, rapid prototyping, technology insertions, systems engineering and integration, and technical assessments for NMCS Command and Control (C2) systems. This support provides informed, decision-making linkage between the National Command Authorities (NCA) and the Commanders-in-Chief of the Unified and Specified Commands. This engineering draws upon improved C2 methodologies and technology insertion opportunities to meet the command, control and information requirements of NCA and CINCs for all crises and security threats involving US military forces. These efforts emphasize interoperability and are designed to contribute directly to the achievement of the global C4I infrastructure. This program element is under Budget Activity 07 because it involves efforts supporting operational systems development.

FY99 Accomplishments:

- o Automated Configuration Management for Joint Staff (JS) and National Military Command Center (NMCC) (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$144K).
- o NMCC Site R and STRATCOM planning (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$104K).
- o NMCS Engineering Support for integration of DII elements (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$150K).
- o NMCC Engineering of Com and ADP systems (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$244K).
- o Total \$.642M

FY00 Plans:

- o Continue migration of NMCS systems to DII Common Operating Environment (COE) (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$57K).
- o Engineering Test & Evaluation (ET&E) of NMCS upgrades (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$500K).
- o Plan and engineer NMCC integration improvements (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$51K).
- o Total \$.608M

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<p><u>FY01 Plans:</u></p> <ul style="list-style-type: none"> <li>o ET&amp;E for NMCC systems relocation (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$124K).</li> <li>o Continue engineering support for NMCC systems improvements/upgrades (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$263K).</li> <li>o Continue engineering support for SITE R systems improvements/upgrades (1<sup>st</sup> Qtr - 4<sup>th</sup> Qtr; \$254K).</li> <li>o Total \$.641M</li> </ul>																															
<p>B. <u>Program Change Summary:</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="text-align: right; width: 10%;"><u>FY99</u></th> <th style="text-align: right; width: 10%;"><u>FY00</u></th> <th style="text-align: right; width: 10%;"><u>FY01</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget (FY2000)</td> <td style="text-align: right;">1.186</td> <td style="text-align: right;">.613</td> <td style="text-align: right;">.645</td> </tr> <tr> <td>Appropriated Value</td> <td style="text-align: right;">1.189</td> <td style="text-align: right;">.613</td> <td></td> </tr> <tr> <td>Adjustments to Appropriated Value</td> <td style="text-align: right;">-.547</td> <td style="text-align: right;">-.003</td> <td></td> </tr> <tr> <td>Congressional Rescission</td> <td></td> <td style="text-align: right;">-.002</td> <td></td> </tr> <tr> <td>Adjustments to Budget Year since FY2000 President's Budget</td> <td></td> <td></td> <td style="text-align: right;">-.004</td> </tr> <tr> <td>Current Budget Submit/President's Budget (FY2001)</td> <td style="text-align: right;">.642</td> <td style="text-align: right;">.608</td> <td style="text-align: right;">.641</td> </tr> </tbody> </table> <p style="margin-left: 20px;">Change Summary Explanation:</p> <ul style="list-style-type: none"> <li>FY99 change due to undistributed congressional adjustments to Defense-wide RDT&amp;E appropriation and below threshold reprogramming.</li> <li>FY00 change reflects government-wide rescission and required offset to fund higher priority initiatives.</li> <li>FY01 change due to revised fiscal guidance.</li> </ul>					<u>FY99</u>	<u>FY00</u>	<u>FY01</u>	Previous President's Budget (FY2000)	1.186	.613	.645	Appropriated Value	1.189	.613		Adjustments to Appropriated Value	-.547	-.003		Congressional Rescission		-.002		Adjustments to Budget Year since FY2000 President's Budget			-.004	Current Budget Submit/President's Budget (FY2001)	.642	.608	.641
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<p>D. <u>Acquisition Strategy:</u> Raytheon E-Systems, Arlington, VA; Logicon, Arlington, VA; Booz-Allen, Hamilton, Bethesda, MD; and FGM, Herndon, VA</p>																															
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