

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							June 2001			
BUDGET ACTIVITY 5 - ENG MANUFACTURING DEV				PE NUMBER AND TITLE 0604783A - JOINT NETWORK MANAGEMENT SYSTEM				PROJECT 363		
COST (In Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
363 JOINT NETWORK MANAGEMENT SYSTEM	0	0	26130	0	0	0	0	0	0	0
<p><u>A. Mission Description and Budget Item Justification:</u></p> <p><u>PLEASE NOTE:</u> This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.</p> <p>The Joint Network Management System (JNMS) is a Commander in Chief (CINC), Commander, Joint Task Forces (CJTF) joint communications planning and management tool. JNMS is an automated softwawre system. It will provide communication planners with a common set of tools to conduct high level planning (war planning), detailed planning and engineering, monitoring, control and reconfiguration, spectrum planning and management, and security of communications and data systems used to support a Joint Task Force (JTF). These systems include circuit switches, data switches, message switches, single channel networks, transmission systems and satellite systems. It will promote force level situational awareness; provide enhanced flexibility to support the commander's intent; improve management of scarce spectrum resources; and provide increased security of these critical systems and networks. JNMS is an outgrowth of the ISYSCON Program. Efforts have been previously funded for FY01 in ISYSCON Program Element/Project 0208010/D107.</p> <p>This system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).</p> <p><u>FY 2000 Accomplishments</u></p> <p style="padding-left: 40px;">PE Begins in FY2002.</p> <p><u>FY 2001 Planned Program</u></p> <p style="padding-left: 40px;">PE Begins in FY2002. FY2001 funding contained in ISYSCON PE/Proj 0208010/D107.</p>										

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FY 2002 Planned Program

- 2904 Complete Software Integration for Key Performance Parameters(KPP) Baseline
- 750 Conduct first qualification test (FQT) on KPP Baseline
- 2390 Field, Train and Conduct Initial Operational Test and Evaluation (IOT&E)
- 6160 Continue System Design for Threshold Baseline
- 4250 Continue Concept Requirement and Analysis for Threshold Baseline
- 9676 Software Integration for Threshold Baseline

Total 26130

<u>B. Program Change Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2001 PB)	0	0	0	0
Appropriated Value	0	0	0	0
Adjustments to Appropriated Value	0	0	0	0
a. Congressional General Reductions	0	0	0	0
b. SBIR/STTR	0	0	0	0
c. Omnibus or Other Above Threshold Reductions	0	0	0	0
d. Below Threshold Reprogramming	0	0	0	0
e. Rescissions	0	0	0	0
Adjustments to Budget Years Since FY2001 PB	0	0	26130	0
Current Budget Submit (FY 2002/2003 PB)	0	0	26130	0

FY 02/03: Change Summary Explanation: JNMS PE established since the FY01 President's Budget (FY02 +\$26.0M; FY03 +\$8.0M; plus database adj)

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C. Other Program Funding Summary	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
RDT&E, PE 0208010, Proj D107, ISYSCON DEV	0	10500	0	0	0	0	0	0	0	0
Other Procurement, Army-2, BX0007, ISYSCON EQUIP	0	0	0	0	0	0	0	0	0	0

D. Acquisition Strategy: Obtained Milestone I/II approval 23 August 2000. A competitive contract will be awarded on a best value basis for the development and integration of the JNMS software. Anticipate award April 2001. TRADOC approved ORD on 16 May 00.

E. Schedule Profile	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
Contract Award to begin JNMS Development*		3Q		0	0	0	0	0
Software Integration of Key Performance Parameter (KPP) Software Baseline			1-3Q	0	0	0	0	0
First Qualification Test on KPP Baseline			3Q	0	0	0	0	0
Begin Fielding, Training, Conducting Initial Operational Test & Eval (IOT&E) for KPP Baseline			4Q	0	0	0	0	0
Continue System Design for Threshold Baseline			1-4Q	0	0	0	0	0
Continue Concept Requirement & Analysis for Threshold Baseline			1-4Q	0	0	0	0	0
Software Integration for Threshold Baseline				0	0	0	0	0
Complete IOT&E for KPP Baseline				0	0	0	0	0
Initiate, Design & Integration of 1st Increment Objective Baseline				0	0	0	0	0
Milestone C decision				0	0	0	0	0
Material Release				0	0	0	0	0
First Qualification Test (FQT) for Threshold Baseline				0	0	0	0	0
First Operational Test and Evaluation (FOT&E) Threshold				0	0	0	0	0
FQT Objective Increment 1				0	0	0	0	0
Objective Increment 1 Software Release				0	0	0	0	0

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<u>E. Schedule Profile (continued)</u>	<u>FY 2000</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</u>
FQT Objective Increment 2				0	0	0	0	0
Objective Increment 2 Software Release				0	0	0	0	0
FQT Objective Increment 3				0	0	0	0	0
Objective Increment 3 Software Release				0	0	0	0	0
FQT Objective Increment 4				0	0	0	0	0

* JNMS Development began in ISSCON PE/Proj 0208010/D107 in FY01

ARMY RDT&E COST ANALYSIS(R-3)										June 2001		
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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . JNMS Development	CPFF/T&M/FFP	TBD	0	0		22081	3Q	0	0	0	0	0
Subtotal:			0	0		22081		0		0	0	0
Remarks: I.a. FY01 funding for JNMS contained in ISYSCON, PE/Proj 0208010/D107 R-Forms. FY02 funding supports ongoing JNMS Software Development to produce phased products. CPFF - Cost Plus Fixed Fee T&M - Time and Materials FFP - Fixed Price												
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Test Support	TBD	TBD	0	0		1565	2Q	0	0	0	0	0
Subtotal:			0	0		1565		0		0	0	0
Remarks: IOT&E Scheduled for 1Q03, FOT&E Scheduled for 1Q04.												
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Contractor Engineering	TBD	TBD	0	0		1377	1Q	0	0	0	0	0
b . Government Engineering	N/A		0	0		577	1Q	0	0	0	0	0
c . PM Support-Core	N/A		0	0		165	1-4Q	0	0	0	0	0
d . Travel	N/A		0	0		365	1-4Q	0	0	0	0	0
Subtotal:			0	0		2484		0		0	0	0
Project Total Cost:			0	0		26130		0		0	0	0