PE NUMBER: 0207438F

PE TITLE: Theater Battle Management (TBM) C4I

	RDT&E BUDGET ITEM	JUSTI	FICATI	ON SH	EET (R	-2 Exhi	bit)		DATE	Februar	y 2003
	T ACTIVITY  Operational System Development				UMBER AND <b>7438F</b>	TITLE Theater	Battle M	anagem	ent (TBN	/I) C4I	
	COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
	Total Program Element (PE) Cost	37,848	33,828	31,647	31,303	40,375	40,892	37,169	37,846	Continuing	TBD
3330	Cmd Cntrol Info Process Sys (C2IPS)	1,996	2,254	0	0	0	0	0	0	0	51,332
4790	Theater Battle Management Core System (TBMCS)	23,765	21,358	21,455	20,903	29,763	30,093	26,075	26,577	Continuing	TBD
4802	Deliberate and Crisis Action Planning and Execution Segment (DCAPES)	12,087	10,216	10,192	10,400	10,612	10,799	11,094	11,269	Continuing	TBD
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	Continuing	TBD

Note: Also received additional \$3.0 million funded by FY02 Defense Emergency Response Fund (DERF) to support urgent software service pack releases and technical support to contingency operations (Enduring Freedom/Noble Eagle).

### (U) A. Mission Description

TBM C4I develops force-level and wing-level command, control, and intelligence systems which utilize DoD's Defense Information Infrastructure (DII) Common Operating Environment (COE). Acquisition of these systems supports the Air Force's expeditionary force concept and will allow the execution of Theater Battle Management (TBM) planning, intelligence, and operational functions of the Joint Forces Air Component Commander (JFACC). Those functions include: generation and dissemination of the air tasking order (ATO) from the Air Operations Center (AOC) down to the wing and unit levels; aerospace defense planning and execution; airspace deconfliction; targeting and weaponeering; and many other applications supporting air operations command and control. Projects included in this program element are Command & Control Information Processing System (C2IPS), Theater Battle Management Core Systems (TBMCS) (including the Family of Interoperable Operational Pictures (FIOP) initiative), and Deliberate and Crisis Action Planning and Execution Segment (DCAPES).

### (U) B. Budget Activity Justification

The TBMCS effort is post Milestone III effort, and is in Budget Activity 7, Operational Systems Development because it incrementally upgrades and develops capabilities for currently operational systems.

Page 1 of 14 Pages

Exhibit R-2 (PE 0207438F)

	RDT&E BUDGET ITEM JUSTIF	ICATION SHEET (R-2 Exhib	oit)	DATE <b>Febru</b> a	ary 2003
	GET ACTIVITY  Operational System Development	PE NUMBER AND TITLE  0207438F Theater E	-	•	<b>,</b>
(U)	C. Program Change Summary (\$ in Thousands)				
		FY 2002	FY 2003	FY 2004	Total Cost
(U)	Previous President's Budget	37,469	34,700	30,175	TBD
(U)	Appropriated Value	38,331	34,700		
(U)	Adjustments to Appropriated Value				
	a. Congressional/General Reductions	-862	-529		
	b. Small Business Innovative Research	-1,047			
	c. Omnibus or Other Above Threshold Reprogram		-343		
	d. Below Threshold Reprogram	1,611			
	e. Rescissions	-185			
(U)	Adjustments to Budget Years Since FY 2003 PBR			1,472	
(U)	Current Budget Submit/FY 2004 PBR	37,848	33,828	31,647	TBD
(U)	Significant Program Changes:				
		Page 2 of 14 Pages		Exhibit R-2	(PE 0207438F)

RDT&E BUDGET ITEM	JUSTIF	ICATIO	N SHE	ET (R-	2A Exh	ibit)		DATE	Februar	y 2003
BUDGET ACTIVITY  07 - Operational System Development				10MBER ANI 17438F		Battle M	anageme	ent (TBN	/I) C4I	PROJECT <b>3330</b>
COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
3330 Cmd Cntrol Info Process Sys (C2IPS)	1,996	2,254	0	0	0	0	0	0	0	51,332

### (U) A. Mission Description

The Command & Control Information Processing System (C2IPS) project develops communications and information processing hardware and software for all echelons of the Air Mobility Command (AMC). C2IPS provides AMC the automated capability to perform command and control functions associated with planning, scheduling, and global execution and monitoring of airlift and air refueling missions consisting of both fixed and deployable nodes. C2IPS satisfies the warfighters needs for horizontal and vertical communication.

### (U) FY 2002 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Programs

(U) \$1,996 Completion of Increment 4 (Detailed Planning & Scheduling for integration of AMC aircraft schedules)

(U) \$1,996 Total

### (U) FY 2003 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Programs

(U) \$2,254 Increment 4 software deficiency reports cleanup

(U) \$2,254 Total

### (U) FY 2004 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Programs

(U) \$0 No Activity (U) \$0 Total

### (U) B. Project Change Summary

N/A

Project 3330 Page 3 of 14 Pages Exhibit R-2A (PE 0207438F)

	RDT&E BUDGET ITEM JUSTIFICAT	TON SH	EET (R-	2A Exhi	bit)		DATE <b>Febr</b> u	uary 2003
	GET ACTIVITY - Operational System Development	<b>=</b>	NUMBER AN <b>207438F</b>		Battle Mar	nagemen	t (TBM) C4I	PROJECT <b>3330</b>
	C. Other Program Funding Summary (\$ Thousands)  FY 2002 FY 2003 FY 2004  Actual Estimate Estimate  AF RDT&E Other APPN	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	
(U)	D. Acquisition Strategy The C2IPS is developed and installed in four increments. A spiral de Increment 1 provided a digital data message handling capability at ea Increment 2 built on Increment 1 software to support mission plannin system migration efforts. Increment 4 continues the final year work of	ch Informati g and schedu	on Processing	g System (IPS nent 3 provide	S) node and ited C2IPS wit	mplements r h a client sei	nission execution	on monitoring.
(U)	E. Schedule Profile	1	<u>FY 2002</u> 2. 3	4 1	<u>FY 2</u> 2	. <u>003</u>	. 1	<u>FY 2004</u> 2. 3 4
(U) (U) (U) (U) (U)	Increment 4 Completion Dates Spiral A (Planning & Sched) Spiral B (Plan & Sched, DII/COE) Spiral C (Planning & Scheduling) Continue C2IPS-TBMCS interoperability (resolve outstanding reports) Note 1: * Denotes Completed Event; X Denotes Planned Event Note 2: Project is scheduled to be completed in FY03		*		X			
F	Project 3330	Page 4 o	f 14 Pages				Exhibit R-2	A (PE 0207438F)

	RDT&E PRO	GRAM ELE	EMENT/P	ROJECT C	OST BI	REAKDO	WN (R-3)	)	DATE <b>F</b> e	bruary 20	003
	GET ACTIVITY - Operational Syster	n Developme	ent			er and title	er Battle M	lanageme	nt (TBM)		PROJECT <b>3330</b>
(U)	A. Project Cost Breakdo	wn (\$ in Thousan	ds)				EV	2002	EV 200	12	EV 2004
(U) (U) (U) (U)	Major Product Developme Support Contracts Program Management Sup Total						1,	2002 ,621 225 150 ,996	FY 200 1,70 34: 20: 2,25	6 3 5	FY 2004
(U)	B. Budget Acquisition Hi	story and Plannii	ng Informatio	n (\$ in Thousand	<u>ls)</u>		1,	,,,,,	2,23	•	
(U)	Performing Organization Contractor or Government Performing Activity Product Development Org CSC Unisys Support and Management MITRE TEMS/ITSP ESC (government organization) Test and Evaluation Organ	Contract Method/Type or Funding Vehicle anizations FPIF IDIQ Organizations T&M Various n/a	Award or Obligation Date  Dec 88 Dec 98  Oct 94 Various n/a	Performing Activity EAC  TBD TBD  N/A N/A N/A	Project Office EAC TBD TBD N/A N/A N/A	Total Prior to FY 2002 27,991 7,925 7,275 2,099 1,792	Budget FY 2002 1,621 0 0 225 150	Budget FY 2003 1,706 0 0 343 205	Budget FY 2004	Budget to Complete  0 0 0 0	Total Program 31,318 7,925 7,275 2,667 2,147
	N/A <u>Subtotals</u> Subtotal Product Develope Subtotal Support and Mana Subtotal Test and Evaluati Total Project	agement				Total Prior to FY 2002 35,916 11,166 47,082	Budget FY 2002 1,621 375 1,996	Budget FY 2003 1,706 548 2,254	Budget FY 2004	Budget to Complete 0 0 0	Total Program 39,243 12,089 51,332
Р	Project 3330			Pag	e 5 of 14 Pa	ges			Exhib	t R-3 (PE 0	207438F)

	RDT&E BUDGET ITEM	JUS 1 1F	TOATIC	N OUE	EI (R-	ZA EXN	(ווטונ)			February	y 2003
	T ACTIVITY  Operational System Development			<b>=</b>	10MBER ANI 17438F	D TITLE <b>Theater</b>	Battle M	anagem	ent (TBI	И) С4I	PROJECT <b>4790</b>
	COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
4790	Theater Battle Management Core System (TBMCS)	23,765	21,358	21,455	20,903	29,763	30,093	26,075	26,577	Continuing	ТВІ

### (U) A. Mission Description

The Theater Battle Management Core Systems (TBMCS) develops force-level and wing-level command, control, and intelligence systems which utilize DoD's Defense Information Infrastructure (DII) Common Operating Environment (COE) and Joint Technical Architecture (JTA). It links planning, intelligence and operations functions in an integrated battle management system for planning and executing the air war at the theater level and evaluates future aerospace comand and control concepts identified and incorporated via evolutionary acquisition. Functions supported include: generation and dissemination of the air tasking order in support of the Joint Forces Air Component Commander (JFACC) from the Air Operations Center (AOC) down to the wing and unit levels; aerospace defense planning and execution; airspace deconfliction; targeting and weaponeering; and many other applications supporting air operations command and control. TBMCS integrated functionality of the following legacy systems: Contingency Theater Automated Planning System (CTAPS), Wing Command & Control System (WCCS), and Combat Intelligence System (CIS). During FY 02, the USAF initiated the consolidation of TBMCS, AOC, and GCCS-AF infrastructure planning into an ACAT-IA Major Automated Information System (MAIS) program to enable the joint synchronization of service command and control systems.

#### (U) FY 2002 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Programs

(U) \$6,014 Complete TBMCS software Increment 1.1 baseline development (Including Force Level, Unit Ops & Unit Intel Spirals).
 (U) \$14,751 Continue TBMCS software Increment 1.1 baseline Spirals (formerly i1.2 - includes Force Level, Unit Ops & Intel Spirals)

(U) \$900 Initiate Advanced planning (formerly TBMCS Block 2)

(U) \$2,100 System engineering and interoperability with US, NATO or other coalition systems

(U) \$23,765 Total

#### (U) FY 2003 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Programs

(U) \$18,440 Complete TBMCS Increment 1.1 baseline Spirals (including Force Level, Unit Ops & Unit Intel Spirals, effort continues into FY04)

(U) \$1,000 Begin TBMCS Increment 2.0 planning and development (formerly Block 2 development)
(U) \$1,918 System engineering and interoperability with US, NATO, or other coalition systems

Project 4790 Page 6 of 14 Pages Exhibit R-2A (PE 0207438F)

	RDT&E BUI	DGET ITE	EM JUS	TIFICAT	TON SH	EET (R-	2A Exhil	oit)		Februar	y 2003
	GET ACTIVITY - <mark>Operational System [</mark>	Developme	ent			NUMBER AND <b>207438F</b>		attle Man	agement	(TBM) C4I	PROJECT <b>4790</b>
(U)	A. Mission Description Con	tinued									
(U) (U)	FY 2003 (\$ in Thousands) Co \$21,358 Total	ntinued									
	\$7,018 TBMC \$6,037 TBMC \$2,200 TBMC \$4,500 FIOP F \$700 FIOP D \$500 FIOP T	plishments/Plass complete so S continue Inc S System Eng Requirements a Execution Man Factical Works COE Support for Support f	ftware Incre crement 2.0 I ineering and and Engineer agement Ca tation COE	ment 1.1 bas Development Interoperabi ring Manage pability. Developmen	t (including Fility with US, ment.	Force Level, U	Jnit Ops, & U	Jnit Intel Spi		als)	
(U)	B. Project Change Summary Funding for FIOP began in FY	_	ontained in l	PE 0604754F	F, Tactical Da	ıta Link Integ	ration. FIOI	ofunding wa	s transferred t	to PE 0207438F fo	or FY04-FY09.
(U)	C. Other Program Funding	Summary (\$ i FY 2002 Actual	n Thousand FY 2003 Estimate	ls) FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Co
(U) (U) (U)	AF RDT&E Other APPN Other Procurement, AF, PE 0207438F, WSC 834520	42,927	54,358	50,697	54,043	51,602	41,249	46,339	47,476	Continuing	TBI
(U)	Other Procurement, AF, PE 0207431F, WSC 834520	2,795	1,302	0	0	0	0	0	0	0	4,097
F	Project 4790				Page 7 of	14 Pages				Exhibit R-2A (F	PE 0207438F)

#### DATE RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit) February 2003 PE NUMBER AND TITLE BUDGET ACTIVITY **PROJECT** 07 - Operational System Development 0207438F Theater Battle Management (TBM) C4I 4790 (U) D. Acquisition Strategy TBMCS - Electronic Systems Center (ESC), Hanscom AFB, MA manages the TBMCS program. Lockheed-Martin Mission Systems (LMMS) was competitively selected after full and open competition. They were awarded a cost plus award fee contract to develop improved capabilities in support of effective Theater Battle Management and to integrate existing and evolutionary capabilities in the DII Common Operating Environment. The program uses an evolutionary acquisition strategy with a series of incremental, spiral development software releases. This approach accommodates refinement and prioritization of user requirements and improves adaptability to advances in commercial technology to fulfill evolving aerospace command and control requirements. FIOP - Implement Spiral development, integration and sustain web-enable COP capabilities that are interoperable with existing Service systems by identifying execution-level requirements and candidate solutions which will be tested and then be migrated to the fielded Service systems for sustainment. (U) E. Schedule Profile 1 4 TBMCS software Increment 1.1 Baseline (U) Multi-Service Operational T&E (U) 1.1 Baseline Release (U) TBMCS software Inc 1.1 Baseline Spirals (U) Force Level Spirals X X Unit Level Ops Spirals X X (U) (U) Unit Level Intel Spirals X X (U) FIOP (U)Rqmts/Engr Management X (U)**Execution Management Capability** (U)Tactical COE Workstation Development COE Spt for Joint VMF X Note 1: \* Denotes Completed Event; X Denotes Planned Event Note 2: i1.1 and 1.2 activities reflect multiple spiral releases leading up to increment completion.

Exhibit R-2A (PE 0207438F)

Project 4790

	RDT&E PROG	RAM ELE	EMENT/P	ROJECT C	OST B	REAKDO'	WN (R-3)	)	DATE <b>F</b>	ebruary 2	2003
	GET ACTIVITY  Operational System	Developme	ent			SER AND TITLE  38F Theate	er Battle M	lanageme	ent (TBM)	C4I	PROJECT <b>4790</b>
(U)	A. Project Cost Breakdown	(\$ in Thousan	ds)								
								2002	FY 20		FY 2004
(U)	TBMCS System Integration	-	nt					,665	19,4		13,055
(U)	TBMCS System Engineering						2,	,100	1,9	18	2,200
(U)	FIOP Equation 1										4,500
(U)	FIOP Execution Managment		4								700
(U)	FIOP COE Set for Leint Vari										500 500
(U) (U)	FIOP COE Spt for Joint Vari Total	abie Message F	ormat				22	765	21,3	<b>5</b> 0	21,455
(0)	Total						23,	,703	21,3	30	21,433
<b>(U)</b>	<b>B. Budget Acquisition Histo</b>	ory and Plannii	<u>ng Informatio</u>	n (\$ in Thousand	<u>ds</u> )						
(U)	<b>Performing Organizations:</b>										
	Contractor or	Contract									
	Government	Method/Type	Award or	<b>Performing</b>	<b>Project</b>						
	Performing	or Funding	<b>Obligation</b>	<u>Activity</u>	<b>Office</b>	<b>Total Prior</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	Budget to	<u>Total</u>
	Activity	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	to FY 2002	FY 2002	FY 2003	FY 2004	Complete	<u>Program</u>
	Product Development Organi										
	TBMCS-LMMS	CPAF	Oct 95	TBD	TBD		13,970	16,899	11,383	Continuing	
	TBMCS Accenture	DO	Sep 01	TBD	TBD		3,422	0			3,422
	TBMCS Rome Lab	MIPR	Jun 01	TBD	TBD		1,000	1,000	1,000	Continuing	
	TBMCS SAIC	MIPR	Feb 01	TBD	TBD		1,198				1,198
	TBMCS General Dynamics	MIPR	Feb 02	TBD	TBD		265	400	200		865
	TBMCS GSA	MIPR	Sep 01	TBD	TBD		810	630	600		2,040
	TBMCS INEEL	MIPR	Feb 02	TBD	TBD		1,000	450			1,450
	FIOP - Multi Service	MIPR	TBD						5,400	Continuing	TBD
	Contracts										
	Support and Management Organical									~	
	TBMCS - MITRE	CPAF	Oct 94	N/A	N/A		1,970	1,849	1,942	Continuing	TBD
	FIOP - MITRE	CPAF	Oct 04						000	a .: :	
	FIOP - Contractor Spt	PR/MIPR	Various						800	Continuing	TBD
P	roject 4790			Pag	e 9 of 14 Pa	iges			Exhi	bit R-3 (PE (	0207438F)

	RDT&E PROC	RAM ELE	MENT/F	ROJECT (	COST BI	REAKDO	WN (R-3)	)	DATE <b>F</b> (	ebruary 2	003
•	GET ACTIVITY - Operational System	Developme	nt			ER AND TITLE  38F Theate	er Battle N	lanageme			PROJECT <b>4790</b>
( <b>U</b> )	Performing Organizations Test and Evaluation Organizations 46TS		Various	N/A	N/A		130	130	130	Continuing	TBD
(U)	Item Description Product Development Proper Support and Management Pro	Contract Method/Type or Funding Vehicle	Award or Obligation Date	Delivery Date		Total Prior to FY 2002	Budget FY 2002	Budget FY 2003	Budget FY 2004	Budget to Complete	<u>Total</u> <u>Program</u>
	Subtotals Subtotal Product Developme Subtotal Support and Manage Subtotal Test and Evaluation Total Project	nt ement				Total Prior to FY 2002	Budget FY 2002 21,665 1,970 130 23,765	Budget FY 2003 19,379 1,849 130 21,358	Budget FY 2004 18,583 2,742 130 21,455	Budget to Complete TBD TBD TBD TBD	Total Program TBD TBD TBD TBD
F	Project 4790			Pag_	e 10 of 14 Pa	ages			Exhik	oit R-3 (PE 0	)207438F)

	RDT&	E BUDGET ITEM	JUSTIF	ICATIO	ON SHE	ET (R-	2A Exh	ibit)		DATE	Februar	y 2003
	SET ACTIVITY Operational Sys	stem Development			<b>=</b>	IUMBER ANI <b>)7438F</b> -		Battle M	anagem	ent (TBI	VI) C4I	PROJECT <b>4802</b>
	COST (\$ in <sup>-</sup>	Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
4802	Deliberate and Crisi Execution Segment	s Action Planning and (DCAPES)	12,087	10,216	10,192	10,400	10,612	10,799	11,094	11,269	Continuing	TBD
(U)	Execution System (JO replaced the operation consistent with the Jo effective crisis action Commander. DCAF	Action Planning and ExecupPES). This effort is an even all tasking and priorities fur pint vision for integrated C2. In planning capability for a week provides a real time, two taches people and airframes/vision	olutionary for nctionality of DCAPES ider range of to way interes	ollow-on to of COMPES is intended of operation change of n	the Conting S with mode to be more al scenarios nanpower, le	gency Oper ern relations tightly cou s and will fu ogistics, and	ations Mob al databases pled with the ally support doperation	ility Plannings, integrated the range of the force part data between	ng and Exect distributed planning su rovider fund reen the Air	cution System I database, a apport system ction of the	em (COMPE and common ms to provid AF Forces	ES). DCAPES n and shared data de a more (AFFOR)
(U) (U) (U)	FY 2002 (\$ in Thous. \$0 \$9,660	Accomplishments/Planned DCAPES Increment 2 con Analysis Capability (LOG (WMP), Expeditionary Co	tractor deve FAC), Log mbat Supp	istics Modu ort System	le (LOGM( (ECSS), Wo	OD)/Manpo eb Enablem	wer/Person	nel Base Le	evel (MAN	PER B), W		
(U) (U) (U)	\$468 \$1,959 \$12,087	Government deployment of DCAPES Increment 2 Pro Total		_								
(U) (U) (U)	FY 2003 (\$ in Thous. \$0 \$7,163	ands) Accomplishments/Planned Continue DCAPES Incren LOGMOD/MANPER B, V	nent 2 contr		-	•	-		•	d testing. (	Consists of L	.OGFAC,
(U) (U) (U) (U)	\$331 \$1,909 \$813 \$10,216	Initiate DCAPES Increme Continue DCAPES Increme Continue Government dep Total	nt 3 require nent 2 Prog	ments defir ram Manag	nition ement/Engi	neering Sup	port	<i>5</i>				
P	roject 4802				Page 11 of	14 Pages				Exh	ibit R-2A (F	PE 0207438F)

	RDT&E BUDGET ITEM JUSTIFICA	ATION S	HEET (F	2-2A E	(hibit)			DATE	Feb	ruary	2003	
•	GET ACTIVITY  Operational System Development		PE NUMBER A 0207438F		er Battle	Manag	gemen	: (TB	M) C	4I	PROJ <b>480</b>	
(U)	A. Mission Description Continued											
(U) (U) (U) (U) (U) (U) (U)	FY 2004 (\$ in Thousands)  \$0 Accomplishments/Planned Programs  \$7,009 Continue DCAPES Increment 2 contractor  \$331 Continue Increment 3 Requirements Definit  \$1,998 Continue DCAPES Increment 2 Program N  \$854 Continue Government deployment operation  \$10,192 Total	tion /Ianagement/	Engineering S		ort							
(U)	B. Project Change Summary											
(U) (U)	C. Other Program Funding Summary (\$ in Thousands)  FY 2002 FY 2003 FY 2003  Actual Estimate Estimate  Other APPN N/A	_					FY 2009 Estimate		Cost Compl		To	otal Cost
(U)	D. Acquisition Strategy DCAPES will be managed by Electronic Systems Center, Hanscor Corporation, and Science Applications International Corporation to Electronic Systems Center. Computer Sciences Corporation and S 02. The program uses an evolutionary acquisition strategy with in refinement and prioritization of user requirements and improves according to the contract of the cont	eam under C cience Appli cremental sp	ommand and ications Interr piral developn	Control Pro ational Co nent with o	oduct Line rporation w ne or multi	(CCPL) c	ontracts a	warde llow-	ed and i	naintain ort cont	ed by ract on	15 Feb
(U)	E. Schedule Profile	1	<u>FY 2002</u> 2 3	4	1	FY 2003	<u>3</u> 3 4		1	<u>FY 2</u>	004 3	4
(U) (U) (U)	Government Acceptance Testing (Incr I) DCAPES Initial Increment I fielded Increment 2, Spiral 1 Requirements Analysis (Note 2) Increment 2, Spiral 1 Fielding (Note 3) LOGFAC Pilot Requirements Analysis (Note 4)	•	* *	·	*	-	-		•	-	J	X
F	roject 4802	Page 1	2 of 14 Pages					Ex	hibit R	-2A (PE	02074	38F)

	RDT&E BUDGET ITEM JUSTIFICATION	N SHEE	T (R	-2A Ex	(hibit)			DAT		ebruar	y 2003	
_	GET ACTIVITY Operational System Development			ND TITLE  Theate	er Batt	e Mai	nager	nent (				JECT
U)	E. Schedule Profile Continued											
	1	<u>FY</u> 2	<u>2002</u> 3	4	1	<u>FY 2</u> 2	2 <u>003</u> 3	4	1	<u>FY</u> 2	2004 3	4
$\Box$	Deliver LOGFAC Pilot to Government	2	3	4	1	2	X	4	1	2	3	4
J)	Test and Field LOGFAC Pilot						11	X				
J)	DCAPES-LOGFAC Requirements Analysis (Note 5)							X				
U)	Test and Field DCAPES-LOGFAC									X		X
Ú)	Increment 2, Spiral 2 Requirements Analysis (Note 6)										X	
	<ul> <li>4.X in March 04.</li> <li>Note 5: DCAPES - LOGFAC is the full version of the pilot implementa</li> <li>Note 6: Remaining prioritized requirements for Increment 2, Spiral 2 fol</li> </ul>		GFAC f	ielding.								

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)										DATE February 2003		
	GET ACTIVITY - Operational System	Developme	nt			er and title 38F Theate	er Battle M	lanageme	nt (TBM)	C4I	PROJECT <b>4802</b>	
( <b>U</b> )	A. Project Cost Breakdow	n (\$ in Thousan	ds)									
(II)	Davidonment Contract Effort						<u>FY 2002</u> 9.660		<u>FY 2003</u> 7,494		<u>FY 2004</u> 7,340	
(U) (U)	Development Contract Effort Test Support						9,000 468		813		7,340 854	
(U)	Program Management Supp	ort						,959	1,9		1,998	
(U)							12,087		10,216		10,192	
(U)		ory and Planni	na Informatio	n (\$ in Thousand	(c)		12,	,007	10,2	10	10,192	
(U)	3. Budget Acquisition History and Planning Information (\$ in Thousands) Performing Organizations:											
(0)	Contractor or	<u>Contract</u>										
	Government	Method/Type	Award or	Performing	Project							
	Performing	or Funding	Obligation Obligation	Activity	Office	Total Prior	Budget	Budget	Budget	Budget to	<u>Total</u>	
	Activity	Vehicle	Date	EAC	EAC	to FY 2002	FY 2002	FY 2003	FY 2004	Complete		
	Product Development Organ			<del></del>		<u></u>						
	Raytheon/ CSC/ SAIC	FP/LH with	Feb 98	N/A	N/A	16,121	2,350	0	0	Continuing	TBD	
		award fee										
	SSG/SW	T&M	Apr 01	N/A	N/A	450	1,662	1,000	500	Continuing	TBD	
	CSC/SAIC	CPFF	Feb 02	N/A	N/A	0	5,648	6,494	6,840	Continuing	TBD	
	- 11	upport and Management Organizations										
	FFRDC	CPAF					857	622	653	Continuing		
	ITSP	T&M					901	932	978	Continuing		
	Other	Various					201	355	367	Continuing	TBD	
	Test and Evaluation Organiz						468	813	854	Cantinuina	TBD	
	46 Test Sqdn/JITC	Project Order				Total Prior			854 Budget	Continuing		
	Subtotals					to FY 2002	Budget FY 2002	Budget FY 2003	FY 2004	Budget to Complete		
	Subtotal Product Developme	ent				16,571	9,660	7,494	7,340	TBD		
		Subtotal Support and Management			10,571	1,959	1,909	1,998	TBD	TBD		
	Subtotal Test and Evaluation	•					468	813	854	TBD	TBD	
	Total Project					16,571	12,087	10,216	10,192	TBD	TBD	
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