EXHIBIT R-2, RDT&E Budget Item Justification						DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**			R-1 ITEM NOMENCLATURE **0604771D8Z Common Joint Tactical Information**					
COST ($ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	**10.133**	**17.619**	**11.075**	**8.050**	**16.796**	**20.688**	**21.021**	**21.510**
P771 Link-16 Tactical Data Link (TDL) Transformation Subtotal Cost	**4.956**	**14.287**	**11.075**	**8.050**	**16.796**	**20.688**	**21.021**	**21.510**
P 773 Multifunctional Information Distribution System-Low Volume Terminal (MIDS-LVT) Subtotal Cost	**5.177**	**3.332**						

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The P771 program was originally focused on transforming Tactical Data Links (primarily Link-16) to comply with the vision of the netcentric operations. This program has now been rescoped to address the Department's needs for joint and combined network enabled capabilities for all primary data link communications. The implementation of a network enabled capability will provide an information superiority and sharing environment that will enhance combat power by linking decisionmakers with sensors and shooters. By sharing information and using collaborative tools we will improve battlespace awareness and enable increased speed of command, a higher tempo of operations, greater lethality, increased survivability and self synchronization. This network data link capability has been identified by the Joint Requirements Oversight Council, Allied/Coalition partners and the NATO C3 board as critical to transformation of the data links. Under the P771 program, DISA, Army, Air Force, and Navy interoperable improvement efforts and processes will be funded to develop common network-enabled standards and protocols. Specifically, DISA will lead the effort to transform current data link standards to a common set of joint network enabled standards for the implementation of future wireless networking services. In addition, the P771 program will use these joint standards, protocols, and processes for implementation and testing across Global Information Grid (GIG) end-to-end programs to allow for early evaluation of these capabilities. These P771 program efforts, along with the Service funding for the Air Force led Networked Weapons concept development and the Navy led Web-Enabled Cockpit demonstration, will support the development, testing and expedited fielding of these capabilities to joint tactical warfighters. P771 funds will also assist in the development of a roadmap, strategy and migration plan to ensure network enabled data link capabilities are synchronized with the development and integration timelines of other planned network-enabled weapon systems.

The 773 program supports the RDT&E associated with the MIDS-LVT hardware which in now reaching full rate production. This line is ending in FY 2005 and the Services are now integrating and procuring with their own funding. This final years funding is supporting the close out of MIDS-LVT developments and starting the migration to the JTRS. MIDS-LVT is an international cooperative program involving U.S., France, Italy, Germany and Spain designed for tactical applications and environments. MIDS provides a highly jam-resistant, secure digital (voice and data) information distribution system which enables rapid, integrated communications, navigation and identification among tactical and command and control warfare elements. MIDS-LVT is migrating to JTRS and will incorporate the WNW for enabling a interconnected end-to-end set of information capabilities in support of NCOW objectives.

Program metrics will be developed in support of requests for resources. The metrics will follow the guidelines of the OSD Net-Centric Checklist and aid programs in the move into the Net-Centric environment in the GIG. Metrics will be updated as standards and protocols are approved in the Joint Technical Architecture or the NCOW RM.

This program is funded under BA-5, System Development and Demonstration, because it encompasses engineering, manufacturing development, and demonstration of new end-items prior to production approval decision.

EXHIBIT R-2, RDT&E Budget Item Justification	DATE: February 2005
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**	R-1 ITEM NOMENCLATURE **0604771D8Z Common Joint Tactical Information**

B. Program Change Summary:

	FY 2004	FY 2005	FY 2006	FY 2007
Previous President's Budget	10.133	18.515	18.649	18.939
Current BES/President's Budget	10.133	17.619	11.075	8.050
Total Adjustments		-0.896	-7.574	-10.889
Congressinal program reductions				
Congressional rescissions, Inflation Adjustments		-0.896	0.526	0.511
Congressional increases				
Reprogrammings			-8.100	-11.400
SBIR/STTR Transfer				

C. Change Summary Explanation:

FY 2005: IT Reduction -.463 million; Management Improvements -.056 million; General Reduction -.113 million; FFRDC -.083 million; CAAS -.181 million

FY 2006: Non-pay purchase inflation adjustment .602 million; Contracting Support -.076; Reprogrammed to Navy -8.100 million

FY 2007: Non-pay purchase inflation adjustment .593 million; Contracting Support -.082; Reprogrammed to Navy -11.400 million

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EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**					PROJECT NUMBER AND NAME P771 Link-16 Tactical Data Link (TDL) Transformation			
COST ($ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
P771 Link-16 Tactical Data Link (TDL) Transformation Subtotal Cost	**4.956**	**14.287**	**11.075**	**8.050**	**16.796**	**20.688**	**21.021**	**21.510**
RDT&E Articles Qty								

A. Mission Description and Budget Item Justification:

This program funds Tactical Data Enterprise Service (TDES) products which maximize interoperability across Joint Service platforms enhancing Net-Centric capabilities and ensuring an accurate exchange of real-time and near real-time tactical data information within a balanced investment framework to enhance Net-Centric warfighter capabilities. The products include approved standards, protocols, and processes for implementation and testing across programs from end-to-end including an end-to-end test bed. The end-to-end evaluation connects design/development activities to each other, sets metrics/goals for performance to measure progress, emulates and evaluates link characteristics, and provides realistic scenarios to evaluate end-to-end performance. Current Joint initiatives to achieve Net-Centric Operations and Warfare (NCOW) require tactical data transport to migrate to TDES. Tactical data transport requirements and functionalities that have been driven by operational realities into current Tactical Data Link (TDL) systems and networks will be captured and preserved into component architectures of the Global Information Grid (GIG) Enterprise in accordance with the NCOW Reference Model (NCOW RM). To this purpose, a Joint TDES Migration Team (JT MT) has been established to bring together Joint tactical communications subject matter experts from Combatant Commands, Services, and Agencies. Through a systems engineering approach, this Migration Team is designing and developing the plan and roadmap to migrate from the legacy of TDLs to NCOW enabling TDES following the NCOW RM. Through participation and collaboration with the GIG End-to-End developers, the Migration Team will identify solutions for dissemination of tactical data within the GIG Enterprise. The Team will provide insight into operationally driven, technical functionalities needed to meet tactical data exchange requirements within a critical and/or warfighting environment (e.g., survival information). Tactical Data Enterprise Services are the foundation for Net-Centric transformation in DoD and to realize the vision of the GIG. The Migration Team will plan and roadmap the migration of tactical data transport toward dependable, reliable and ubiquitous networks that eliminate stovepipes and respond to dynamics of operational scenario, bringing Power to the Edge. Examples of key technology areas include tactical IP and Transformational Waveforms as well as Operational Architectures and Concepts for future JTDL functionality. Work in Tactical IP Networks includes, implementation of TDES over IP Network through Joint Range Extension Protocol (JREAP), development of IP over data links, research and implementation of IPv6 based networks, and assessments of Quality of Service (QoS) of networks across a spectrum of operational conditions. Tactical Information Integration includes selective implementation of the multiple gateway initiatives within the GIG Enterprise. Continued development and implementation of a Link 16/data link EMC DoD Certification to allow OSD to certify operation of these links within the operational concepts of the GIG will be demonstrated. Networked Sensors, Command and Control, Shooters, and Weapons; and Combat ID applications will be evaluated. The funding increase from FY 2004 to FY 2006 is based on a transition from systems engineering studies to demonstrations of implementation of NCOW. The funding decrease from FY 2007 to FY 2008 reflects the transition from legacy TDLs to the fielding of JTRS capabilities to the warfighter and the subsequent increases will be in support of the future networked TDES.

EXHIBIT R-2a, RDT&E Project Justification		DATE: **February 2005**
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**		PROJECT NUMBER AND NAME **P771 Link-16 Tactical Data Link (TDL) Transformation**

B. Accomplishments/Planned Program

FY 2004 ACCOMPLISHMENTS ($4.956 million):
- Coordinated multi-service Tactical Data Enterprise Service (TDES) Migration to Net-Centric Operations Warfare (NCOW)
- Provided technical oversight, planning, and coordination of JTDL interoperability and transformation initiatives (e.g., Joint EMC Features DoD Performance Specification)
- Coordinated Transformation Working Groups for Gateway Transformation and Joint Interoperability of Tactical Command and Control Systems (JINTACCS) Transformation
- Supported IP Over Link 16 Demonstration
- Provided Subject Matter Expertise (SME) for Joint, Allied, and Coalition Tactical Near-Term Interoperability and Net-Centric Transformation Initiatives
- Initiated Net-Centric and Joint Weapons Network Concept of Operations (CONOPS)
- Initiated SME participation and collaboration with GIG End-to-End Developers
- Initiated network loading and topology study to support migration to Net-Centric Operations

FY 2005 PLANS ($14.287 million):
- Develop TDES migration in support of NCOW objectives
- Lead Joint team with OSD, JCS, DISA, Services, and Agencies for TDES migration
- Revise and update June 2000 Joint Tactical Data Link Management Plan (JTDLMP) to TDES transformation to NCOW objectives
- Publish TDES transformation to NCOW 2005 edition
- Standup and lead required TDES teams to address Gateway Transformation and JINTACCS Transformation
- Act as the Joint subject matter experts for Joint, Allied, and Coalition Tactical Near-Term Interoperability and Net-Centric Transformation Initiatives
- Provide technical oversight, planning, and coordination of Joint TDL interoperability and transformation initiatives (e.g., Joint Electro Magnetic Compatibility Features DoD Performance Specification, Service TDES migrations)
- Act as Joint TDL subject matter experts and participate with GIG End-to-End Systems Engineering teams
- Execute tactical network loading and topology study to support migration to NCOWoperations
- Identify transformational solutions for dissemination of tactical data within the GIG Enterprise
- Provide insight into operationally driven, technical functionalities needed to meet tactical data exchange requirements within a critical and/or warfighting environment (e.g., safety of life, tactical targeting)
- Conduct analytic evaluations to define and plan implementation of key technologies to include tactical information integration and configuration management of messaging
- Demonstrate TDES being accessible to other webservers/systems via extensible markup language (XML) translation for Advanced Waveforms initiatives
- Establish program metrics that follow the OSD Net-Centric Checklist
- Initiate development of approved standards, protocols, and processes for implementation and testing across programs from end to end including end-to-end testing.
- Complete Joint Networked Weapons CONOPS studies and evaluations
- Demonstrate Joint warfighter utilization of networked Internet Protocol (IP) data in tactical cockpits

EXHIBIT R-2a, RDT&E Project Justification		DATE: **February 2005**
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**		PROJECT NUMBER AND NAME **P771 Link-16 Tactical Data Link (TDL) Transformation**

B. Accomplishments/Planned Program

FY 2006 PLANS ($11.075 million):
- Update TDES migration in support of NCOW objectives
- Lead Joint team with OSD, JCS, DISA, Services, and Agencies for TDES migration
- Revise and update 2005 TDES transformation to NCOW in preparation for 2007 edition
- Lead required TDES teams to address Gateway Transformation and JINTACCS Transformation
- Act as the Joint subject matter experts for Joint, Allied, and Coalition Tactical Near-Term Interoperability and Net-Centric Transformation Initiatives
- Provide technical oversight, planning, and coordination of Joint TDL interoperability and transformation initiatives (e.g., Joint Electro Magnetic Compatibility Features DoD Performance Specification, Service TDES migrations)
- Act as Joint TDL subject matter experts and participate with GIG End-to-End Systems Engineering teams
- Complete tactical network loading and topology study to support migration to NCOW operations
- Identify transformational solutions for dissemination of tactical data within the GIG Enterprise
- Provide insight into operationally driven, technical functionalities needed to meet tactical data exchange requirements within a critical and/or warfighting environment (e.g., safety of life, tactical targeting)
- Conduct analytic evaluations to define and plan implementation of key technologies to include tactical information integration and configuration management of messaging
- Demonstrate TDES being accessible to other webservers/systems via extensible markup language (XML) translation for Advanced Waveforms initiatives
- Update program metrics that follow the OSD Net-Centric Checklist
- Continue development of approved standards, protocols, and processes for implementation and testing across programs from end to end including end-to-end testing.
- Complete Joint warfighter utilization of networked Internet Protocol (IP) data in tactical cockpits

EXHIBIT R-2a, RDT&E Project Justification		DATE: **February 2005**
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**		PROJECT NUMBER AND NAME **P771 Link-16 Tactical Data Link (TDL) Transformation**

B. Accomplishments/Planned Program

FY 2007 PLANS ($8.050 million):
- Update TDES migration in support of NCOW objectives
- Lead Joint team with OSD, JCS, DISA, Services, and Agencies for TDES migration
- Revise and update 2007 TDES transformation to NCOW
- Lead required TDES teams to address Gateway Transformation and JINTACCS Transformation
- Act as the Joint subject matter experts for Joint, Allied, and Coalition Tactical Near-Term Interoperability and Net-Centric Transformation Initiatives
- Provide technical oversight, planning, and coordination of Joint TDL interoperability and transformation initiatives (e.g., Joint Electro Magnetic Compatibility Features DoD Performance Specification, Service TDES migrations)
- Act as Joint TDL subject matter experts and participate with GIG End-to-End Systems Engineering teams
- Identify transformational solutions for dissemination of tactical data within the GIG Enterprise
- Provide insight into operationally driven, technical functionalities needed to meet tactical data exchange requirements within a critical and/or warfighting environment (e.g., safety of life, tactical targeting)
- Conduct analytic evaluations to define and plan implementation of key technologies to include tactical information integration and configuration management of messaging
- Update program metrics that follow the OSD Net-Centric Checklist
- Continue development of approved standards, protocols, and processes for implementation and testing across programs from end to end including end-to-end testing.
- Develop CONOPS for networking waveforms Unmanned Air/Ground/Maritime Vehicles
- Joint C4I Exercise participation to demonstrate warfighter net-centric capabilities

C. Other Program Funding Summary: N/A

D. Acquisition Strategy: In executing JTDL tasking, existing cost-plus contracts will be utilized.

E. Performance Metrics: Program metrics will be developed in support of requests for program resources. The metrics will follow the guidelines of the OSD Net-Centric Checklist and aid programs in the move into the Net-Centric environment in the GIG. Metrics will be updated as standards and protocols are approved in the Joint Technical Architecture or the NCOW RM.

EXHIBIT R-3, Cost Analysis									DATE: **February 2005**			
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**			PROGRAM ELEMENT **0604771D8Z**				PROJECT NUMBER AND NAME **P771 Link-16 Tactical Data Link (TDL) Transformation**					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Product Development												
Spectrum Support		Various	11.248	1.000	Various	1.000	Various	1.000	Various	Continuing	Continuing	Continuing
Data Link Migration Engineering Support		Various	14.227								14.227	
Net-Centric Systems Engineering		Various	0.000	1.604	Various	3.030	Various	0.980	Various	Continuing	Continuing	Continuing
GIG Engineering Support		Various	3.982	2.700	Various						6.682	
Enhancements		Various	0.626								0.626	
JICO Toolset (JSS) Development		Various	0.529								0.529	
Joint Initiatives		Various	2.157			2.000	Various	1.000	Various	Continuing	Continuing	Continuing
Joint TDES Migration and Technology Insertion Plan		Various	1.860	4.232	Various	5.045	Various	5.070	Various	Continuing	Continuing	Continuing
Joint and International Engineering		Various	0.100	2.591	Various						6.391	
Weapons Networks		Various	0.323	1.080	Various						1.403	
Web Enabled Cockpit		Various	0.200	1.080	Various						1.280	
Subtotal Product Development			**35.252**	**14.287**		**11.075**		**8.050**				
Remarks:												
Total Cost			**35.252**	**14.287**		**11.075**		**8.050**		**0.000**	**0.000**	**0.000**

EXHIBIT R-4, Schedule Profile																	DATE: **February 2005**															
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**					PROGRAM ELEMENT NUMBER AND NAME **0604771D8Z Common Joint Tactical Information**												PROJECT NUMBER AND NAME **P771 Link-16 Tactical Data Link (TDL) Transformation**															
	2004				2005				2006				2007				2008				2009				2010				2011			
Fiscal Year	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TDES migration to NCOW								Publish 2005			Draft 2007				Publish 2007				Draft 2009				Publish 2009				Draft 2011				Publish 20	
GIG End-to-End Testbed				Initiate					Operational																							
Joint Web Enabled Cockpit					Initiate			Airborne Demonstration			Joint C4I Exercise																					
Joint Networked Weapons Concept of Operations				Initiate				CONOPS																								
Joint Networked Unmanned Air/Ground/Maritime Vehicles															Initiate		CONOPS		Lab Demonstration				Flight Demonstration									
Net-Centric Checklist Metrics					Initial			Update			Update						Update				Update				Update				Update			

EXHIBIT R-4a, Schedule Detail					DATE: **February 2005**			
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**	PROGRAM ELEMENT **0604771D8Z**				PROJECT NUMBER AND NAME **P771 Link-16 Tactical Data Link (TDL) Tran**			
Schedule Profile	**FY 2004**	**FY 2005**	**FY 2006**	**FY 2007**	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
Initiate Networked Weapons CONOPS	4Q							
GIG End-to-End Testbed Initiate	4Q							
Draft TDES Migration to NCOW		1Q						
Initial Net-Centric Checklist Metrics		1Q						
Commence Web Enabled Cockpit Development		1Q						
Publish 2005 TDES Migration Plan		4Q						
Web Enabled Cockpit Joint Airborne Demo		4Q						
Update Net-Centric Checklist Metrics			1Q					
Publish Networked Weapons CONOPS			1Q					
GIG End-to-End Testbed Operational			1Q					
Update TDES Migration to NCOW Draft 2007			3Q					
Jint Web Enabled Cockpit Joint C4I Demonstration			4Q					
Update Net-Centric Checklist Metrics				1Q				
Publish 2007 TDES Migration Plan				3Q				
Initiate Joint Networked Unmanned A/G/M Vehicle				3Q				
Update Net-Centric Checklist Metrics					1Q			
CONOPS for Joint Networked Unmanned A/G/M Vehicle					2Q			
Update TDES Migration to NCOW Draft 2009					3Q			
Lab Demo Joint Networked Unmanned A/G/M Vehicle					4Q			
Update Net-Centric Checklist Metrics						1Q		
Publish 2009 TDES Migration Plan						3Q		
Flight Demo Joint Networked Unmanned A/G/M Vehicle						4Q		
Update Net-Centric Checklist Metrics							1Q	
Update TDES Migration to NCOW Draft 2011							3Q	
Update Net-Centric Checklist Metrics								1Q
Publish 2011 TDES Migration Plan								3Q

EXHIBIT R-2a, RDT&E Project Justification						DATE: **February 2005**		
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**					PROJECT NUMBER AND NAME **P773 MIDS-LVT**			
COST ($ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
P773 Subtotal Cost	**5.177**	**3.332**						
RDT&E Articles Qty								

A. Mission Description and Budget Item Justification

MIDS-LVT is a joint cooperative program involving U.S., France, Italy, Germany and Spain designed for tactical combat applications and environments. MIDS provides a highly jam-resistant, secure digital (voice and data) information distribution system, enabling rapid integrated communications, navigation, and identification among tactical and command and control warfare elements. MIDS-LVT is migrating to MIDS-JTRS incorporating the Wideband Networking Waveform (WNW) enabling globally interconnected end-to-end set of information capabilities, associated processes, and personnel for collecting, processing, storing, disseminating, and managing information on demand to warfighters, policy makers, and support personnel in a Net-Centric environment.

B. Accomplishments/Planned Program:

FY 2004 ACCOMPLISHMENTS ($5.177 million)
- Achieved Milestone III Full Rate Production for the USN
- Extended Phase 2A Specification Development efforts with DLS, ViaSat and EuroMIDS to include Preliminary Design, Software reviews and mock-ups
- Awarded Phase 2B Design, Development, Fabrication and Qualification contracts
- Initiated companion tactical data link studies, systems engineering analyses, and test and evaluation efforts

FY 2005 PLANS ($3.332 million)
- Continue Phase 2B development, test, and certification efforts (PDR, CDR)

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2005
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**	PROJECT NUMBER AND NAME **MIDS-LVT P773**	

C. Other Program Funding Summary

	FY 2004	FY 2005	FY 2006	FY 2007
Procurement				
APN				
BLI 052500	46.600	48.900	41.300	46.300
BLI 014500	10.794	10.962	11.088	11.214
BLI 055100	3.100	2.900	1.200	
OPN				
BLI 261400	5.709	1.029	2.996	
APF				
PE 0207133F	23.600	22.200	22.300	19.100
Proc,DW				
PE 0208864C/5C				
PE 0208861C		1.500	1.800	3.300
OPA				
PE 0528992A	2.100	1.800	0.900	1.200
Related RDT&E				
PE 0205604N	4.778			
PE 0604280N	18.200	23.000	12.000	

SCN - Funding for MIDS hardware is not separately identified in the SCN budget exhibits

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2005
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**	PROJECT NUMBER AND NAME **P773 MIDS-LVT**	

D. Acquisition Strategy:

USD(AT&L) approved the FY00 procurement of MIDS terminals based on the favorable LRIP DAB review on 27 April 2000. The approval included procurement of 70 MIDS terminals and associated spares and an additional 11 terminals for emergent lab and test requirements. This decision was consistent with the Acquisition Strategy Report (ASR) approved by USD(AT&L) in November 1999. The FY00 MIDS LRIP terminals were equitably split between the two US-led contracts. FY 2001 and out-year quantities are being competitively procured. USD(AT&L) has directed that after completion of the US-led and European-led MIDS terminal production qualification efforts, the production requirements of all MIDS participants will be combined and competed among the US and European qualified MIDS manufacturers. For LRIP Lot 2, on 10 August 2001 the OIPT met and approved a two-phased LRIP buy and recommended to USD(AT&L) to proceed with the acquisition without a formal DAB. The first phase was approved for 59 terminals and spares in September 2001. The second phase provided for 60 terminals and emerging requirements, and occurred in November 2001 after USD(AT&L) reviewed DOT&E's assessment. For LRIP Lot 3, USD(AT&L) authorized the procurement of 208 MIDS terminals, plus spares and emergent requirements on 11 June 2002, and delegated the MS III Full Rate Production decision scheduled for July 2003 to ASN(RD&A). The LRIP Lot 3 ADM was signed 26 June 2002. A Program Decision Meeting held 25 Sep 2003 with ASN(RD&A) resulted in a Full Rate Production decision for the MIDS-LVT(2) Army unique variant and FRP for the USAF MIDS-LVT. The USN only received LRIP Lot 4 authority with direction to resolve open F/A-18 MIDS deficiencies prior to the next planned contract award. The ADM was signed 8 Dec 2003. A second Program Decision Meeting held 15 June 2004 with ASN(RD&A) resulted in a Full Rate Production decision for the USN MIDS-LVT. The ADM was signed 18 June 2004. All MIDS-LVT variants have achieved FRP and the program has successfully achieved MS III. MIDS-JTRS migration through ECP to MIDS-LVT contract was initiated 23 Dec 2004.

EXHIBIT R-3, Cost Analysis										DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**			PROGRAM ELEMENT **0604771D8Z**				PROJECT NUMBER AND NAME **P773 MIDS-LVT**					
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Product Development												
Hardware/Software Development	CPIF	MIDSCO, Wayne, NJ	192.440								192.440	192.440
Pre-Operational EMD Terminal Support	CPIF	MIDSCO, Wayne, NJ	2.706								2.706	2.706
Software Support	FFP	BAE Systems, Wayne, NJ	3.976								3.976	3.976
EMD Spares	FFP	ViaSat, Carlsbad, CA	0.627								0.627	0.627
MIDS JTRS Migration Study	FFP	DLS, Cedar Rapids, IA	0.501								0.501	0.501
MIDS JTRS Migration Study	FFP	ViaSat, Carlsbad, CA	0.604								0.604	0.604
MIDS JTRS Specification Development	FFP	DLS, Cedar Rapids, IA	1.500								1.500	1.500
MIDS JTRS Specification Development	FFP	ViaSat, Carlsbad, CA	1.360								1.360	1.360
MIDS JTRS Design, Development, Qual	CPIF	DLS and ViaSat	5.522	3.332	Mar-05						8.854	8.854
Subtotal Product Development			**209.236**	**3.332**		**0.000**		**0.000**		**0.000**	**212.568**	**212.568**
Remarks: The MIDSCO EMD contract period of performance ended 30 June 2000 with the exception of contract closeout activity. A new System Engineering and Integration (SE&I) contract was awarded in June 2000 to complete unfinished EMD work scope and to provide continued EMD terminal support.												
Support												
Production Readiness Mfg Prototyping	FFP	Allied Signal, Teterboro, NJ	3.189								3.189	3.189
Production Readiness Mfg Prototyping	FFP	ViaSat, Carlsbad, CA	6.346								6.346	6.346
Production Readiness Mfg Prototyping	FFP	DLS, Cedar Rapids, IA	1.000								1.000	1.000
Production Readiness Mfg Prototyping	FFP	Thompson, Cedex, France	1.000								1.000	1.000
Production Readiness Agreements	WX	SSC SD, San Diego, CA	0.795								0.795	0.795
Subtotal Support			**12.330**	**0.000**		**0.000**		**0.000**		**0.000**	**12.330**	**12.330**
Remarks:												
Test & Evaluation												
System Engineering	WX	SSC SD Code 64, San Diego, CA	7.818								7.818	7.818
System Engineering	WX	SSC SD Code 45, San Diego, CA	9.465								9.465	9.465
Software Support	MIPR	Warner Robins AFB, Robins, GA	2.635								2.635	2.635
System Engineering	MIPR	MITRE, Ft. Monmouth, NJ	3.835								3.835	3.835
System Engineering and Integration	FFP	BAE Systems, Wayne, NJ	20.372								20.372	20.372
System Engineering	Various	Various	16.687								16.687	16.687
MIDS JTRS Migration	WX	Various	0.664								0.664	0.664
Joint Interoperability Certification Testing	MIPR	JITC, Ft. Huachuca, AZ	0.150								0.150	0.150
Homeland Defense	IPR	WBB, Vienna, VA	0.055								0.055	0.055
Homeland Defense	IPR	MATCOM, Alexandria, VA	0.130								0.130	0.130
Subtotal T&E			**61.810**	**0.000**		**0.000**		**0.000**		**0.000**	**61.810**	**61.810**
Remarks:												
Management Services												
Program Management Support	FFP	Vredenburg, Carlsbad, VA	2.306								2.306	2.306
Miscellaneous Program Support	FFP/WX	Various	10.419								10.419	10.419
Contract Services	MIPR	AF Pentagon, Washington, DC	1.400								1.400	1.400
Subtotal Management Services			**14.125**	**0.000**		**0.000**		**0.000**		**0.000**	**14.125**	**14.125**
Remarks:												
Total Cost			**297.500**	**3.332**		**0.000**		**0.000**		**0.000**	**300.832**	**300.832**

EXHIBIT R-4, Schedule Profile | DATE: **February 2005**

APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E Defense-Wide/BA-5	**0604771D8Z Common Joint Tactical Information**	**P773 MIDS-LVT**

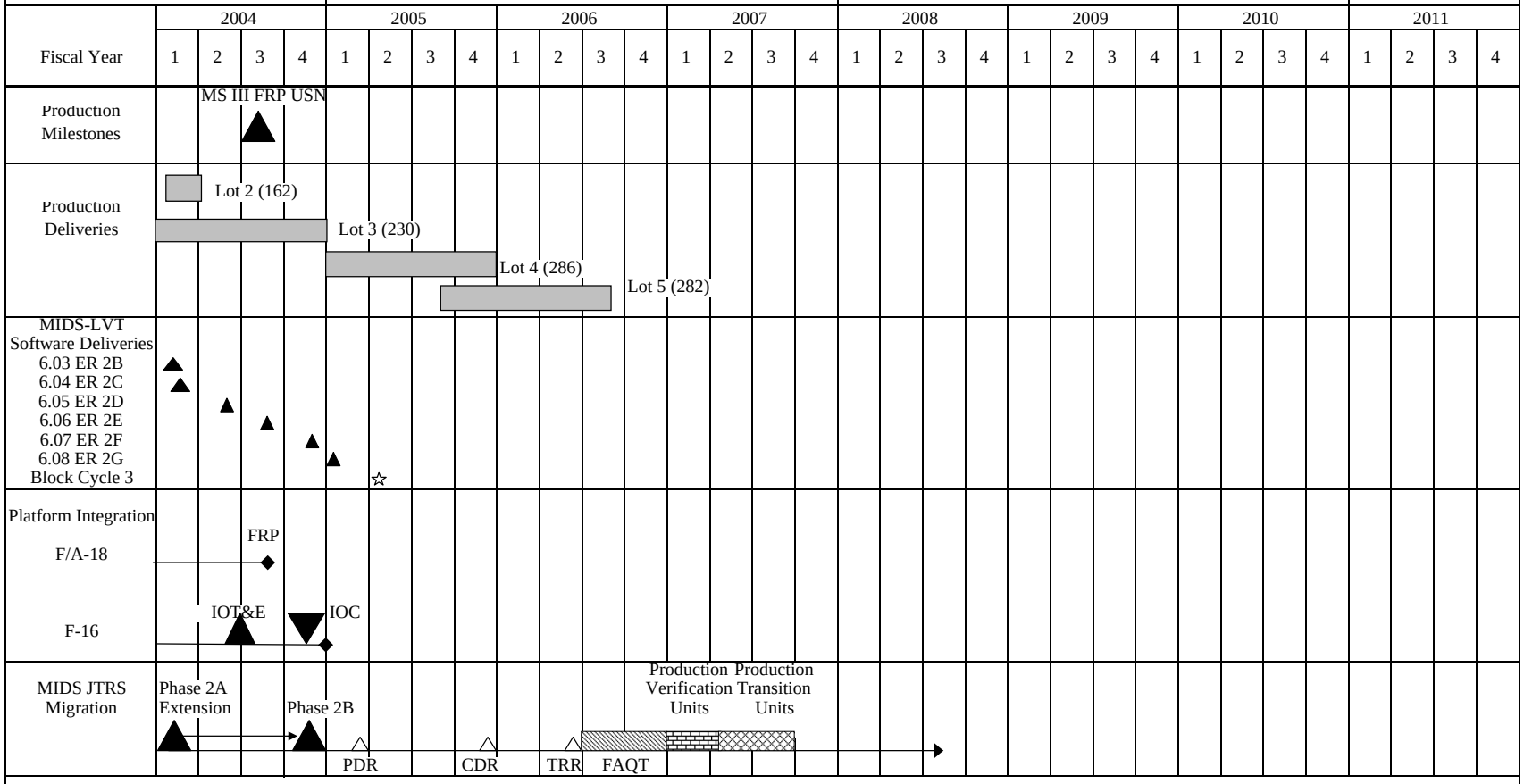

EXHIBIT R-4a, Schedule Detail				DATE: **February 2005**				
APPROPRIATION/BUDGET ACTIVITY **RDT&E Defense-Wide/BA-5**	PROGRAM ELEMENT **0604771D8Z**			PROJECT NUMBER AND NAME **P773 MIDS-LVT**				
Schedule Profile	**FY 2004**	**FY 2005**	**FY 2006**	**FY 2007**	**FY 2008**	**FY 2009**	**FY 2010**	**FY 2011**
Milestones								
Navy MS III Full Rate Production	3Q							
System Engineering & Integration Deliveries								
S/W Block Cycle 3		2Q						
T&E Milestones								
F-16 IOT&E and IOC	2Q/4Q							
MIDS JTRS Migration								
Phase 2A Extension: Specification Development	1Q							
Phase 2B: Design, Development, Fabrication and Qualificat	4Q							
System Development	4Q			1Q				
Software Specification Review		1Q						
Preliminary Design Review (PDR)		1Q						
Critical Design Review (CDR)		4Q						
Quality Design and Build			1Q, 2Q					
Test Readiness Review (TRR)			2Q					
Contractor Testing			3Q					
Government Testing			4Q					
Functional Configuration Audit				1Q				
Physical Configuration Audit				4Q				
Production Verification Unit Delivery				1Q, 2Q				
Production Transition Unit Delivery				2Q, 3Q				
Test and Evaluation								
F/A-18 Plug & Play (Link-16, TACAN and Voice only)								
Technical Evaluation (TECHEVAL)				1Q				
Operational Evaluation (OPEVAL)				2Q, 3Q				
Full Rate Production Decision					1Q			
First Deployment					2Q			
E-2C 4-Channel Capability								