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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	1,462.794	3.909	6.945	25.071	-	25.071	2.512	0.519	-	-	-	1,501.750
3073: AMF JTRS	1,454.941	3.909	-	-	-	-	-	-	-	-	-	1,458.850
3078: Digital Modular Radio	7.853	-	6.945	25.071	-	25.071	2.512	0.519	-	-	-	42.900
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): 421												
A. Mission Description and Budget Item Justification Digital Modular Radio (DMR) with Integrated Waveform (IW) and Mobile User Objective System (MUOS)capable hardware is the Navy's technical solution for the IW/ MUOS requirement. The DMR AN/USC-61(C), is the first software defined radio to have become a communications system standard for the U.S. Military. The compact, multi-channel DMR provides multiple waveforms and multi-level information security for voice and data communications. DMR radios currently operate aboard U.S. Navy surface and subsurface vessels, fixed-sites and other Department of Defense communication platforms using frequencies ranging from 2 MHz to 2 GHz. Certified to pass secure voice and data at Multiple Independent Levels of Security (MILS) over High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), and Satellite Communications (SATCOM) channels, the DMR system was developed to the U.S. Navy's specifications and meets all the stringent environmental, Electromagnetic Interference (EMI) and performance requirements for use in the U.S. Fleet. This task is to continue the development/integration of the IW and MUOS waveforms for the DMR in accordance with Military Standards 188-181,2,3, and the High Frequency Distribution Amplifier Group (HFDAG). IW uses a Time Division Multiple Access (TDMA) communication system in an attempt to improve satellite bandwidth utilization over legacy SATCOM waveforms. This enables demand assigned services on UHF SATCOM networks to support new applications that require better performance and higher channel throughput. The MUOS waveform will enable MUOS satellites to provide worldwide communication satellite coverage for DoD requirements. MUOS will provide functionality comparable to commercial mobile phone systems. HFDAG is a follow-on HF solution to fulfill the HF communication capability from 2MHz - 30MHz (transmit) and 2MHz - 30MHz (receive) with ALE, Link 11, FSK, USB, LSB and ISB modes of operation for Navy Modernization Process (NMP) and platforms. HFDAG will utilize the existing DMR as the exciter/receiver. The budget in FY16 and FY17 also provides funding to DMR for HF Automatic Link Establishment (ALE) Generation 3 development efforts.												

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B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	3.259	7.106	6.183	-	6.183
Current President's Budget	3.909	6.945	25.071	-	25.071
Total Adjustments	0.650	-0.161	18.888	-	18.888
• Congressional General Reductions	-	-0.161			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.650	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	-	-	18.888	-	18.888
Change Summary Explanation					
The FY 2016 funding request was reduced by \$1.3 million to account for the availability of prior year execution balances.					

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy									Date: February 2015			
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)				Project (Number/Name) 3073 / AMF JTRS			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3073: AMF JTRS	1,454.941	3.909	-	-	-	-	-	-	-	-	-	1,458.850
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: 421												
A. Mission Description and Budget Item Justification												
Digital Modular Radio (DMR) with Integrated Waveform (IW) and Mobile User Objective System (MUOS)capable hardware is the Navy's technical solution for the IW/ MUOS requirement. The DMR AN/USC-61(C), is the first software defined radio to have become a communications system standard for the U.S. Military. The compact, multi-channel DMR provides multiple waveforms and multi-level information security for voice and data communications. DMR radios currently operate aboard U.S. Navy surface and subsurface vessels, fixed-sites and other Department of Defense communication platforms using frequencies ranging from 2 MHz to 2 GHz. Certified to pass secure voice and data at Multiple Independent Levels of Security (MILS) over High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), and Satellite Communications (SATCOM) channels, the DMR system was developed to the U.S. Navy's specifications and meets all the stringent environmental, Electromagnetic Interference (EMI) and performance requirements for use in the U.S. Fleet. This task is to continue the development/integration of the Integrated Waveform (IW) and the Mobile User Objective System (MUOS) waveforms for the Digital Modular Radio (DMR) in accordance with Military Standards 188-181,2,3 . IW uses a Time Division Multiple Access (TDMA) communication system in an attempt to improve satellite bandwidth utilization over legacy SATCOM waveforms. This enables demand assigned services on UHF SATCOM networks to support new applications that require better performance and higher channel throughput. The MUOS waveform will enable MUOS satellites to provide worldwide communication satellite coverage for DoD requirements. MUOS will provide functionality comparable to commercial mobile phone systems.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: DMR Mobile Users Objective System (MUOS) Articles: Description: Formerly included in JTRS AMF for Navy integration and porting efforts. FY 2014 Accomplishments: Continued Digital Modular Radio (DMR) Integrated Waveform (IW)/Mobile User Objective System (MUOS) development/integration efforts to include testing and logistics. Supported management and system engineering efforts towards completing Design Review (DR), Software Design Review, Critical Design Review, and Integrated Baseline Review (IBR). Continued effort on development of technical solution for Navy's MUOS requirement including integration and porting the MUOS waveform into the DMR. Completed High Frequency Distribution Amplifier Group (HFDAG) development and continued HFDAG system test and evaluation efforts. FY 2015 Plans:								3.909	-	-	-	-
								-	-	-	-	-

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Appropriation/Budget Activity 1319 / 5		R-1 Program Element (Number/Name) PE 0604280N / <i>JT Tact Radio Sys (JTRS)</i>		Project (Number/Name) 3073 / <i>AMF JTRS</i>	

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					
	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
N/A					
<i>FY 2016 Base Plans:</i>					
N/A					
<i>FY 2016 OCO Plans:</i>					
N/A					
Accomplishments/Planned Programs Subtotals	3.909	-	-	-	-

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

AMF JTRS underwent a program restructure in accordance with Milestone Decision Authority (MDA) direction.

E. Performance Metrics

Acquisition Decision Memorandum (ADM) received on 11 July 2012 directing a restructure of the AMF JTRS Program. Performance metrics will be evaluated after the program Acquisition Strategy has been finalized and the new Acquisition Program Baseline approved.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)				Project (Number/Name) 3073 / AMF JTRS					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MIDS JTRS HW/SW (Phase 2A/2B Core)	C/CPIF	DLS : Cedar Rapids, IA	8.563	-		-		-		-		-	-	8.563	-
MIDS JTRS HW/SW (Phase 2A/2B Core)	C/CPIF	ViaSat Inc : Carlsbad, CA	4.078	-		-		-		-		-	-	4.078	-
AMF JTRS Development-JTR System (Pre-SDD)	C/CPFF	The Boeing Co : Anaheim, CA	45.603	-		-		-		-		-	-	45.603	-
AMF JTRS Development-JTR System (Pre-SDD)	C/CPFF	Lockheed Martin : Manassas, VA	45.335	-		-		-		-		-	-	45.335	-
AMF JTRS Development-JTR SET (SDD)	C/CPIF	Lockheed Martin : Manassas, VA	890.132	-		-		-		-		-	-	890.132	-
AMF JTRS- Systems Engineering	WR	Various : Various	125.561	-		-		-		-		-	-	125.561	-
AMF JTRS- NDI Integration and Certification	TBD	Various : Various	34.721	-		-		-		-		-	-	34.721	-
Systems Engineering-JTRS Implementation-Navy Unique	WR	Various : Various	15.634	-		-		-		-		-	-	15.634	-
DMR HF DAG Power Amplifier H/W Development	C/FFP	GDDS : Various	4.962	-		-		-		-		-	-	4.962	-
Systems Engineering- JTF WARNET	WR	Various : Various	7.481	-		-		-		-		-	-	7.481	-
JTRS HMS Design, Development and Manufacture of Engineering Development Models (EDMs)	C/CPAF	General Dynamics C4 Systems : Scottsdale, AZ	0.000	-		-		-		-		-	-	-	-
DMR HF DAG- System Integration	WR	SSC PAC : San Diego, CA	0.545	-		-		-		-		-	-	0.545	-
DMR HF DAG- Design	WR	SSC PAC : San Diego, CA	2.185	-		-		-		-		-	-	2.185	-
DMR HFDAG Software Engineering	C/CPFF	CECOM MITRE : San Diego, CA	0.100	-		-		-		-		-	-	0.100	-

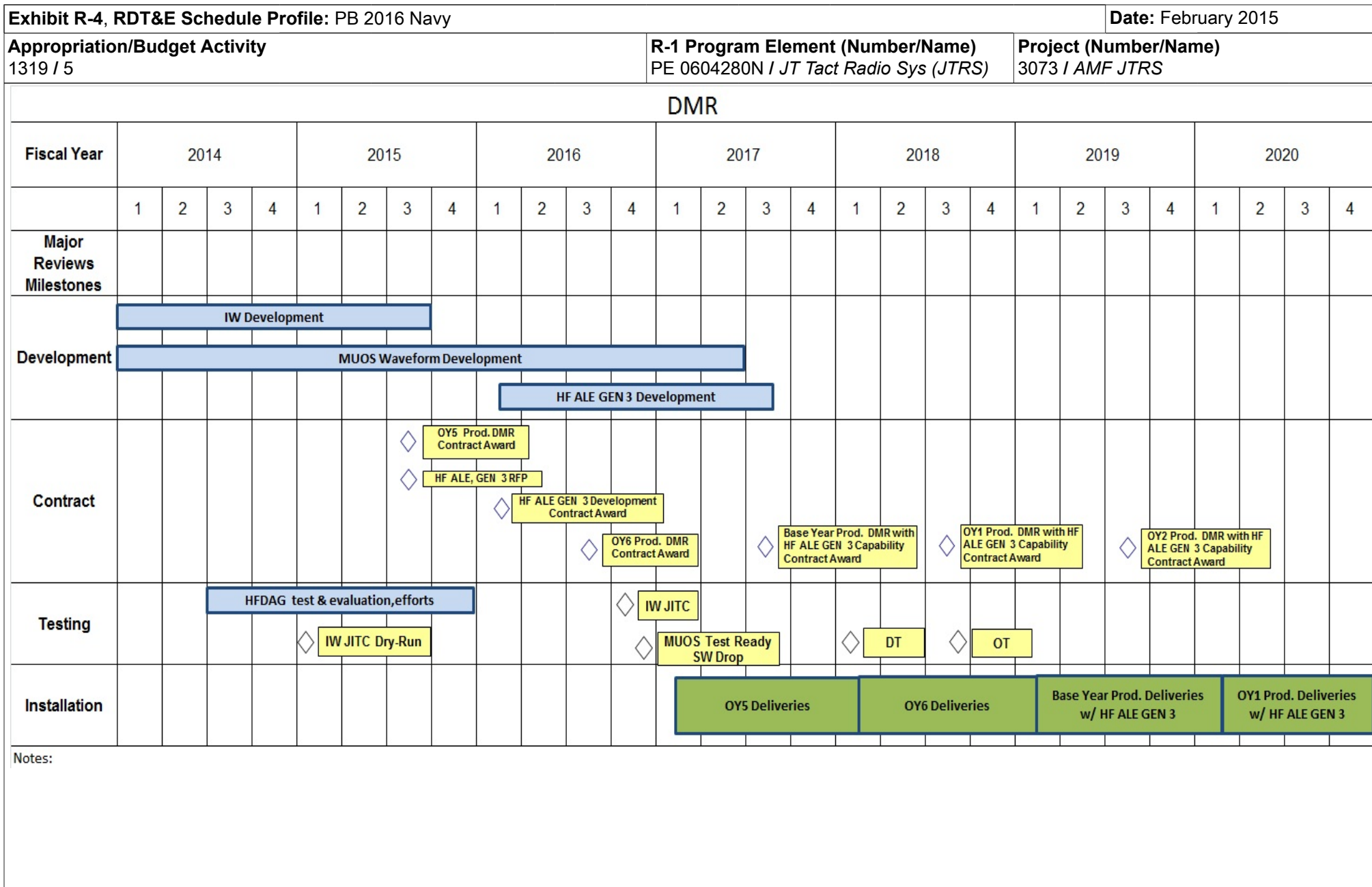
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Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)				Project (Number/Name) 3073 / AMF JTRS					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DMR MUOS Software Development	C/CPFF	General Dynamics : Scottsdale, AZ	20.347	2.409	May 2014	-		-		-		-	-	22.756	-
DMR MUOSSoftware Development	WR	SSC PAC : San Diego, GA	0.000	1.200	Oct 2013	-		-		-		-	-	1.200	-
DMR MUOS Software Engineering	C/CPFF	CECOM MITRE : San Diego, CA	0.000	0.300	Oct 2013	-		-		-		-	-	0.300	-
Subtotal			1,205.247	3.909		-		-		-		-	-	1,209.156	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AMF JTRS- Acquisition, and ILS Support	WR	Various : Various	40.137	-		-		-		-		-	-	40.137	-
Software Dev: DMR Build 6.4	C/FFP	GDDS : Various	12.861	-		-		-		-		-	-	12.861	-
DMR HF DAG- ILS	C/CPFF	CSA : San Diego	0.125	-		-		-		-		-	-	0.125	-
MUOS SST - Acquisition Support	C/CPFF	BAH : San Diego	0.709	-		-		-		-		-	-	0.709	-
Subtotal			53.832	-		-		-		-		-	-	53.832	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AMF JTRS- Test and Evaluation and Test Support	WR	Various : Various	83.154	-		-		-		-		-	-	83.154	-
DMR T&E (FOTE) SD	WR	SSC : San Diego, CA	7.093	-		-		-		-		-	-	7.093	-
DMR T&E (FOTE) CHARL	WR	SSC : Charleston, SC	1.732	-		-		-		-		-	-	1.732	-

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Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MUOS SST- Navy Specific Integration	WR	Various : San Diego, CA	0.022	-		-		-		-		-	-	0.022	-
DMR HF DAG- T&E	WR	SSC PAC : San Diego, CA	0.230	-		-		-		-		-	-	0.230	-
JTNC Waveform Alignment	WR	Various : San Diego, CA	23.545	-		-		-		-		-	-	23.545	-
MUOS - Air Force Specific	WR	Various : San Diego, CA	20.500	-		-		-		-		-	-	20.500	-
Subtotal			136.276	-		-		-		-		-	-	136.276	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AMF Business Operations Management and Support	WR	Various : Various	58.547	-		-		-		-		-	-	58.547	-
Acquisition Workforce Fund- 2009	C/FP	Various : Various	1.039	-		-		-		-		-	-	1.039	-
Subtotal			59.586	-		-		-		-		-	-	59.586	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			1,454.941	3.909		-		-		-		-	-	1,458.850	-
Remarks															

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy	Date: February 2015
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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604280N / <i>JT Tact Radio Sys (JTRS)</i>	Project (Number/Name) 3073 / <i>AMF JTRS</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3073</i>				
DMR MUOS Development	1	2014	4	2014

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)				Project (Number/Name) 3078 / Digital Modular Radio			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3078: Digital Modular Radio	7.853	-	6.945	25.071	-	25.071	2.512	0.519	-	-	-	42.900
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

In FY15, the Digital Modular Radio (DMR) program, previously funded under Project 3073, transitioned to Project 3078.

A. Mission Description and Budget Item Justification

Digital Modular Radio (DMR) with Integrated Waveform (IW) and Mobile User Objective System (MUOS) capable hardware is the Navy's technical solution for the IW/ MUOS requirement. The DMR AN/USC-61(C), is the first software defined radio to have become a communications system standard for the U.S. Military. The compact, multi-channel DMR provides multiple waveforms and multi-level information security for voice and data communications. DMR radios currently operate aboard U.S. Navy surface and subsurface vessels, fixed-sites and other Department of Defense communication platforms using frequencies ranging from 2 MHz to 2 GHz. Certified to pass secure voice and data at Multiple Independent Levels of Security (MILS) over High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), and Satellite Communications (SATCOM) channels, the DMR system was developed to the U.S. Navy's specifications and meets all the stringent environmental, Electromagnetic Interference (EMI) and performance requirements for use in the U.S. Fleet. This task is to continue the development/integration of the IW and MUOS waveforms for the DMR in accordance with Military Standards 188-181,2,3, and the High Frequency Distribution Amplifier Group (HFDAG). IW uses a Time Division Multiple Access (TDMA) communication system in an attempt to improve satellite bandwidth utilization over legacy SATCOM waveforms. This enables demand assigned services on UHF SATCOM networks to support new applications that require better performance and higher channel throughput. The MUOS waveform will enable MUOS satellites to provide worldwide communication satellite coverage for DoD requirements. MUOS will provide functionality comparable to commercial mobile phone systems. HFDAG is a follow-on HF solution to fulfill the HF communication capability from 2MHz - 30MHz (transmit) and 2MHz - 30MHz (receive) with ALE, Link 11, FSK, USB, LSB and ISB modes of operation for Navy Modernization Process (NMP) and platforms. HFDAG will utilize the existing DMR as the exciter/receiver. The budget in FY16 and FY17 also provides funding to DMR for HF Automatic Link Establishment (ALE) Generation 3 development efforts.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: DMR	-	6.945	25.071	-	25.071
Articles:	-	-	-	-	-
FY 2014 Accomplishments: N/A					
FY 2015 Plans: Continue the development/integration of the Integrated Waveform (IW) and Mobile User Objective System (MUOS) capabilities into the Digital Modular Radio (DMR) system including system engineering, software development, testing, design reviews, integration, porting and logistics efforts and support acquisition documentation development. Perform IW certification "Dry Run" with Joint Integration Test Commnad. Complete					

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)	Project (Number/Name) 3078 / Digital Modular Radio	

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
High Frequency Distribution Amplifier Group (HFDAG) test & evaluation including Environmental Testing as well as Shock and Vibe testing.					
<i>FY 2016 Base Plans:</i> Continue the development/integration of the Integrated Waveform (IW) and Mobile User Objective System (MUOS) capabilities into the Digital Modular Radio (DMR) including system engineering, software development, testing, design reviews, integration, porting and logistics efforts. Perform IW certification efforts with Joint Integration Test Command (JITC). Recieve MUOS software drop from vendor for testing and Release Requirements Review (RRR) efforts. Begin DMR High Frequency Amplifier Link Establishment (HF ALE) GEN3 Software development efforts.					
<i>FY 2016 OCO Plans:</i> N/A					
Accomplishments/Planned Programs Subtotals	-	6.945	25.071	-	25.071

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016 Base</u>	<u>FY 2016 OCO</u>	<u>FY 2016 Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPN/3010: DMR OPN, PE:0303109N	-	14.410	10.128	-	10.128	35.673	51.285	62.091	66.709	-	240.296

Remarks

D. Acquisition Strategy

General Dynamics C4 Systems (GDC4S) owns the technical data rights to the DMR. Due to this fact they are the only contractor with the unique capabilities and technical know how to perform the required design work to complete the IW upgrade and the MUOS interoperability efforts. This scope will be issued as the final increment to GDC4S under the sole source contract, N00039-10-C-0069, as authorized by SPAWAR J&A No. 16,976, signed 3 December 2012 by SPAWAR Executive Director and as authorized by SPAWAR J&A No. 16,351 signed 5 January 2010 by the Assistant Secretary of the Navy (ASN), Research Development and Acquisition (RD&A). SPAWAR Systems Center Pacific (SSC PAC) will continue performing HFDAG system test and evaluation.

E. Performance Metrics

MIL-STD conformance to meet JITC Certification for IW/UHF SATCOM waveform and the MUOS waveform.

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Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604280N / JT Tact Radio Sys (JTRS)				Project (Number/Name) 3078 / Digital Modular Radio					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IW/MUOS Development	C/CPIF	GDC4S : Scottsdale, AZ	7.853	-		4.106	Oct 2014	16.684	Oct 2015	-		16.684	-	28.643	-
HF ALE Development	C/CPFF	TBD : TBD	0.000	-		-		1.994	Dec 2015	-		1.994	-	1.994	-
Subtotal			7.853	-		4.106		18.678		-		18.678	-	30.637	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
System Engineering Support	Various	SSC PAC : San Diego, CA	0.000	-		1.839	Nov 2014	3.540	Nov 2015	-		3.540	-	5.379	-
Subtotal			0.000	-		1.839		3.540		-		3.540	-	5.379	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Testing	Various	SSC PAC : San Diego, CA	0.000	-		0.500	Oct 2014	1.418	Oct 2015	-		1.418	-	1.918	-
Subtotal			0.000	-		0.500		1.418		-		1.418	-	1.918	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C/CPFF	BAH : San Diego, CA	0.000	-		0.500	Nov 2014	1.435	Nov 2015	-		1.435	-	1.935	-
Subtotal			0.000	-		0.500		1.435		-		1.435	-	1.935	-

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	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	7.853	-		6.945		25.071		-		25.071	-	39.869	-
Remarks													

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PE 0604280N: *JT Tact Radio Sys (JTRS)*
Navy

R-1 Line #105

Appropriation/Budget Activity
1319 / 5

R-1 Program Element (Number/Name) PE 0604280N / <i>JT Tact Radio Sys (JTRS)</i>

Project (Number/Name) 3078 / <i>Digital Modular Radio</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy			Date: February 2015
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3078</i>				
IW Development	1	2014	3	2015
MOUS Waveform Development	1	2014	2	2017
HFDAG Test and Evaluation	3	2014	4	2015
HF ALE GEN 3 Development Request for Proposal (RFP)	3	2015	3	2015
DMR Production Contract Award	3	2015	3	2015
MUOS Test Ready Software (SW) Drop	4	2016	4	2016
HF ALE GEN 3 Development Contract Award	1	2016	1	2016
HF ALE GEN 3 Development	1	2016	3	2017
Production Deliveries	1	2017	1	2020
Development Testing (DT)	1	2018	1	2018
Operational Testing (OT)	3	2018	3	2018