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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Navy											Date: February 2020	
Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0607700N I (U) <i>Deployable Joint Command and Control</i>							
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	5.927	2.817	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	8.744
3050: <i>Deployable JT Command and Control</i>	5.927	2.817	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	8.744

Note

Funding has been realigned out of PE 0607700N, Project 3050, into PE 0604231N, Project 3050, as part of Program Element Consolidation starting in FY20.

A. Mission Description and Budget Item Justification

Deployable Joint Command and Control (DJC2) provides a self-contained, standardized, rapidly deployable, modular, scalable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the materiel solution to Defense Planning Guidance that called for the development of standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFC) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and JFCs a mission critical, integrated family of systems with which to plan, control, coordinate, execute, and assess operations. It is designed to deploy rapidly, set up within hours, and quickly provide necessary C2 mission and collaboration functionality across the full spectrum of JTF operations. The DJC2 has also been deployed in support of Humanitarian Assistance and Disaster Relief (HA/DR) efforts. The capability is intended for all levels of conflict and will be reconfigurable to meet specific GCC and JTF mission requirements. This capability is interoperable with higher and adjacent echelons of command (to include coalition allies) as well as with supporting elements to include joint forces.

B. Program Change Summary (\$ in Millions)

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	3.127	0.000	0.000	-	0.000
Current President's Budget	2.817	0.000	0.000	-	0.000
Total Adjustments	-0.310	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.266	0.000			
• SBIR/STTR Transfer	-0.045	0.000			
• Rate/Misc Adjustments	0.001	0.000	0.000	-	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2021 Navy										Date: February 2020		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0607700N / (U)Deployable Joint Command and Control			Project (Number/Name) 3050 / Deployable JT Command and Control				
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
3050: <i>Deployable JT Command and Control</i>	5.927	2.817	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	8.744
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Deployable Joint Command and Control (DJC2) provides a self-contained, standardized, rapidly deployable, modular, scalable, and reconfigurable joint command and control (C2) capability to designated Geographic Combatant Commands (GCCs). DJC2 is the materiel solution to Defense Planning Guidance that called for the development of standing Joint Task Forces (JTFs) with a deployable C2 capability. DJC2 will ensure that Joint Force Commanders (JFC) are equipped, as well as trained and organized, to carry out their C2 responsibilities. DJC2 provides GCCs and JFCs a mission critical, integrated family of systems with which to plan, control, coordinate, execute, and assess operations. It is designed to deploy rapidly, set up within hours, and quickly provide necessary C2 mission and collaboration functionality across the full spectrum of JTF operations. The DJC2 has also been deployed in support of Humanitarian Assistance and Disaster Relief (HA/DR) efforts. The capability is intended for all levels of conflict and will be reconfigurable to meet specific GCC and JTF mission requirements. This capability is interoperable with higher and adjacent echelons of command (to include coalition allies) as well as with supporting elements to include joint forces.

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

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: Systems Engineering & Integration	1.249	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2020 Plans: FY20 funding has been realigned to PE 0604231N Project 3050 as part of PE Consolidation.					
FY 2021 Base Plans: FY21 funding has been realigned to PE 0604231N Project 3050 as part of PE Consolidation.					
FY 2021 OCO Plans: N/A					
Title: DJC2 RDT&E Test Bed	1.568	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2020 Plans: FY20 funding has been realigned to PE 0604231N Project 3050 as part of PE Consolidation.					
FY 2021 Base Plans:					

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Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0607700N / (U)Deployable Joint Command and Control	Project (Number/Name) 3050 / Deployable JT Command and Control

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
FY21 funding has been realigned to PE 0604231N Project 3050 as part of PE Consolidation.					
FY 2021 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	2.817	0.000	0.000	0.000	0.000

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

<u>Line Item</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPN /2906: Tactical/ Mobile C4I Systems	2.666	3.053	2.278	-	2.278	2.092	2.144	2.173	2.215	Continuing	Continuing
• RDTEN/0604231N/3050: Deployable JT Command and Control	0.000	3.159	3.291	-	3.291	3.364	3.424	3.494	3.565	Continuing	Continuing

Remarks

FY20-FY25 has been realigned to PE 0604231N Project 3050 as part of PE Consolidation.

D. Acquisition Strategy

This RDT&E line supports an evolutionary acquisition strategy. The intent of this strategy is to: develop a system based upon a current understanding of joint requirements; rapidly field systems based upon those requirements; analyze operational utilization of the systems; and roll the results of the analysis into periodic upgrades of the systems to maintain currency and maximize operational effectiveness. Efforts include investigation of emerging technologies through study, development, and associated testing for feasibility of program insertion. The baseline configuration is based upon existing Command, Control, Communications, Computers, & Intelligence (C4I) systems, scaled to the Combatant Command level. The follow-on configurations will include newly developed capabilities based on emergent, joint requirements and operational feedback based upon utilization of earlier delivered systems. Ultimately, the goal is to perform quick and affordable integration of emergent transformational COTS and GOTS technologies in support of information warfare and overall efforts required to pace the threat. This is accomplished via technical analyses and engineering efforts associated with implementation of new technology to enable rapid introduction of new products and technology, prevent obsolescence, and end of support issues enhancements via incremental software & hardware upgrades delivered on annual build release

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Navy **Date:** February 2020

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0607700N / (U)Deployable Joint Command and Control	Project (Number/Name) 3050 / Deployable JT Command and Control
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Product Development (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Systems Engineering	WR	NSWC : Panama City, FL	1.412	0.655	Dec 2018	0.000		0.000		-		0.000	0.000	2.067	-
Hardware/Software Development	C/CPAF	GTRI : ATLANTA, GA	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Subtotal			1.412	0.655		0.000		0.000		-		0.000	0.000	2.067	N/A

Remarks
FY20 and FY 21 cost data is provided under PE 0604231N Project 3050.

Support (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Software Integration	WR	NSWC : Panama City, FL	0.751	0.371	Dec 2018	0.000		0.000		-		0.000	0.000	1.122	-
Subtotal			0.751	0.371		0.000		0.000		-		0.000	0.000	1.122	N/A

Remarks
FY20 and FY 21 cost data is provided under PE 0604231N Project 3050.

Test and Evaluation (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Developmental Test & Evaluation	WR	NSWC : Panama City, FL	1.610	0.798	Dec 2018	0.000		0.000		-		0.000	0.000	2.408	-
Operational Test & Evaluation	WR	NSWC : Panama City, FL	1.778	0.884	Dec 2018	0.000		0.000		-		0.000	0.000	2.662	-
Subtotal			3.388	1.682		0.000		0.000		-		0.000	0.000	5.070	N/A

Remarks
FY20 and FY 21 cost data is provided under PE 0604231N Project 3050.

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Management Services (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Support	WR	NIWC PAC : San Diego, CA	0.376	0.109	Dec 2018	0.000		0.000		-		0.000	0.000	0.485	-
Subtotal			0.376	0.109		0.000		0.000		-		0.000	0.000	0.485	N/A

Remarks
FY20 and FY 21 cost data is provided under PE 0604231N Project 3050.

	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	5.927	2.817	0.000	0.000	-	0.000	0.000	8.744	N/A

Remarks
FY20 and FY 21 cost data is provided under PE 0604231N Project 3050.

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Exhibit R-4, RDT&E Schedule Profile: PB 2021 Navy **Date:** February 2020

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0607700N / (U)Deployable Joint Command and Control	Project (Number/Name) 3050 / Deployable JT Command and Control
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Proj 3050	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
System Development			DT/OT ▲																									
Developmental Test/Operational Test																												
Production																												
DJC2 System Enhancements																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2021 Navy		Date: February 2020
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3050				
System Development: Developmental Test/Operational Test FY 2019	3	2019	3	2019
Production: DJC2 System Enhancements: DJC2 System Enhancement Deliveries	1	2019	4	2019