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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Navy **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604272N / <i>Tact Air Dir Infrared CM (TADIRCM)</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	149.036	47.912	33.246	15.028	-	15.028	16.102	13.318	13.575	14.675	Continuing	Continuing
3348: <i>DAIRCM Development</i>	149.036	47.912	33.246	15.028	-	15.028	16.102	13.318	13.575	14.675	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

This element includes development of electronic warfare systems for worldwide deployment of United States Navy (USN) and United States Marine Corps (USMC) assault aircraft. This includes the development and testing of advanced infrared (IR) countermeasures systems for aircraft survivability against emerging threats and for emergency contingencies. This program develops Hostile Fire Indication (HFI), and Laser Warning Sensors that integrates IR missile countermeasures with aircraft Countermeasures Dispensing Systems (CMDS) and expendables. DAIRCM adopts future multi-band, networking capabilities to facilitate real-time transfer of threat information, and off-board queuing and control of onboard sensors. DAIRCM studies and evaluates current and future aircraft threats, makes modeling and simulation for improved countermeasure capabilities, develops, tests and provides test equipment to address new and emerging threats for improved aircraft survivability of assault aircraft in complex terrain.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES because it includes all efforts necessary to evaluate integrated technologies, representative models or prototype systems in a high fidelity and realistic operating environment.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	49.450	33.246	0.000	-	0.000
Current President's Budget	47.912	33.246	15.028	-	15.028
Total Adjustments	-1.538	0.000	15.028	-	15.028
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.163	0.000			
• SBIR/STTR Transfer	-1.375	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	15.028	-	15.028

**Change Summary Explanation**

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 FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Navy										<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 1319 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0604272N / <i>Tact Air Dir Infrared CM (TA DIRCM)</i>				<b>Project (Number/Name)</b> 3348 / <i>DAIRCM Development</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
3348: <i>DAIRCM Development</i>	149.036	47.912	33.246	15.028	-	15.028	16.102	13.318	13.575	14.675	Continuing	Continuing
Quantity of RDT&E Articles		-	4	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

The projects in this element advances the processor, laser, and sensor development of the AN/AAQ-45 Distributed Aperture Infrared Countermeasures (DAIRCM) system in order to outpace current / future threats in addition to adding growth for future capabilities. These modifications significantly increase aircraft survivability of Department of Navy (DoN) assault aircraft in complex terrain for worldwide deployment. The DAIRCM system consists of three major components: missile warning sensors, processor, and inexhaustible laser countermeasures. DAIRCM interfaces with the platform aircraft and provides signals to onboard Aircraft Survival Equipment (ASE). Within the Department of Navy, UH-1Y is the lead platform for the DAIRCM Program. The DAIRCM program advances lessons learned from the JUONs to incorporate the system under glass in the H-1; improves laser power; increases processor to allow for additional sensors to meet platform/mission needs; improves sensor countermeasure features; improves effectiveness for flare deployment; and further develops cyber security. The DAIRCM design is scalable to expedite expansion to other platforms and improve crew threat situational awareness. The program also advances modeling and simulation for new countermeasures, and develops necessary test equipment for program success.

FY23 RDT&E funding is required to accept and test four (4) Engineering Development Models (EDMs). The program will continue development of Government tracking software and test under glass solutions. DAIRCM will continue studies and evaluations of current and future aircraft threats, modeling and simulation for improved countermeasure capabilities, development, testing, and test equipment to address new and emerging threats. The program will complete platform (UH-1Y) DAIRCM integration for A-Kit and prepare for B-Kit installation as well as JUONS fielded software product improvements to multiple platforms. The program will also add other Service platforms to the DRS Sysco product development contract in FY23.

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

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<b>Title:</b> DAIRCM Development	47.912	33.246	15.028	0.000	15.028
<b>Articles:</b>	-	4	-	-	-
<b>FY 2022 Plans:</b> Complete H-1 size, weight, power cooling analysis to support integrated DAIRCM system. Complete demonstration of prototype DAIRCM under glass solution. Complete CDR. Update government software algorithm to support development and test. Affirm DAIRCM supply chain and other logistics requirements. Prepare UH-1Y platform for A Kit and B Kit integration. Procure material for four (4) EDMs and Mass Models and non-recurring engineering for assembly.					
<b>FY 2023 Base Plans:</b>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604272N / <i>Tact Air Dir Infrared CM (TA DIRCM)</i>	<b>Project (Number/Name)</b> 3348 / <i>DAIRCM Development</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Accept delivery of four (4) EDM and Mass Models. Complete Software drops two (SW2) and three (SW3) acceptance qualification. Revise FY23 Flight test (FLT Test) duration to align with test plans. Conduct H-1 Platform installation, ground test and flight test. Complete Integrated Logistic Assessment (ILA).					
<b><i>FY 2023 OCO Plans:</i></b> N/A					
<b><i>FY 2022 to FY 2023 Increase/Decrease Statement:</i></b> FY23 decrease is due to complete acceptance testing and delivery (Q1FY23) of material procured in prior years.					
<b>Accomplishments/Planned Programs Subtotals</b>	47.912	33.246	15.028	0.000	15.028

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• APN/0576: <i>Distributed Aperture Infrared Countermeasures (DAIRCM)</i>	0.000	2.007	29.311	-	29.311	8.800	31.728	38.478	40.749	159.607	393.196

**Remarks**  
This line represents one (1) OSIP from 0576 (OSIP 018-17 Distributed Aperture Infrared Countermeasures (DAIRCM)).

**D. Acquisition Strategy**  
The Distributed Aperture Infrared Countermeasures (DAIRCM) ACAT II Program is a scalable acquisition approach that provides the architecture for an integrated aircraft survivability system with preplanned product improvements (P3I) to outpace the threats into the future. It replaces the existing AN/AAR-47 UV Threat Warning System - providing an inexhaustible countermeasure with improved 2-color IR Threat Warning system and growth capability to meet future design improvements and combat advanced threats. It leverages JUONs capability, cooperation between Government laboratories and industry partners to grow into an integrated capability that meets the key performance parameters. The DAIRCM program awarded a development cost contract in FY20. The DAIRCM program will also award contract modifications for new platforms to procure DAIRCM Engineering Development Models (EDMs), Production Representative Models (PRMs) and nonrecurring engineering development and test support as future material solution for their platforms. The addition of other Services platforms is expected to lower the overall acquisition costs for all services. A separate production contract will be awarded for Milestone C planned for 3Q2024 for services that selected DAIRCM as future material solution for their platforms.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604272N / Tact Air Dir Infrared CM (TA DIRCM)	<b>Project (Number/Name)</b> 3348 / DAIRCM Development
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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Primary HW Dev JUONS	C/CPFF	DRS : Dallas, TX	47.336	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Primary HW Dev JUONS	C/CPFF	Daylight Solutions : San Diego, CA	7.417	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
H-60 Operational Flight Program Dev	C/CPFF	Lockheed Martin : Owego, NY	10.000	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
H-1 Operational Flight Program Dev	C/CPFF	Northrop Grumman : Woodland Hills, CA	2.840	1.670	Jun 2021	1.000	Jun 2022	0.300	Jun 2023	-		0.300	Continuing	Continuing	Continuing
Govt Eng Support	WR	NAWCAD : Patuxent River, MD	3.488	1.392	Oct 2020	2.100	Oct 2021	2.408	Oct 2022	-		2.408	Continuing	Continuing	Continuing
Govt Eng Support	WR	FRC : Jacksonville, FL	0.549	0.026	Nov 2020	0.080	Nov 2021	0.134	Nov 2022	-		0.134	Continuing	Continuing	Continuing
Govt Software Eng Support	WR	NAWCWD : PT Mugu	3.875	1.715	Nov 2020	0.985	Nov 2021	1.008	Nov 2022	-		1.008	Continuing	Continuing	Continuing
Aircraft Integration	WR	FRC East : Cherry Point, NC	0.400	0.000		0.000	Apr 2022	0.204	Nov 2022	-		0.204	Continuing	Continuing	Continuing
Govt Software Eng Support	WR	NRL : Washington, DC	9.551	4.625	Nov 2020	3.235	Nov 2021	1.140	Nov 2022	-		1.140	Continuing	Continuing	Continuing
Primary HW Dev DAIRCM	C/CPFF	DRS Sysco : Melbourne, FL	35.140	33.846	May 2021	13.152	May 2022	4.923	May 2023	-		4.923	Continuing	Continuing	Continuing
H-1 Operational Flight Program Dev	C/CPFF	Bell Tech : Fort Worth, TX	0.000	0.556	May 2021	6.900	May 2022	0.000		-		0.000	0.000	7.456	-
<b>Subtotal</b>			120.596	43.830		27.452		10.117		-		10.117	Continuing	Continuing	N/A

**Remarks**

(1) FY23 decrease (\$0.700M) for H-1 Operational Flight Program Dev at Northrop Grumman to complete UH-1Y DAIRCM platform under glass integration final qualification testing.

(2) FY23 increase (\$0.308M) for Govt Eng Support at NAWCAD Patuxent River, MD to account for the addition of A-Kit design for H-1 to be completed by Government vice Bell Tech.

(3) FY23 increase (\$0.054M) for Govt Eng Support at FRC Jacksonville, FL to align with schedule shift from design to test and logistic assessment.

(4) FY23 increase (\$0.023M) for Govt Software Engineering Support at NAWCWD PT Mugu due to increase required to validation and acceptance of EDM deliveries software.

(5) FY23 increase (\$0.204M) FRC East Cherry Point, NC to support platform integration and technical documentation.

(6) FY23 decrease (\$2.095M) for Govt Software Engineering Support: NRL, Washington, D.C. due to reduced baseline scope captured as future P31 efforts.

(7) FY23 decrease (\$8.229M) DRS Sysco, Melbourne, FL. due to Navy focusing on higher priority Service requirements.

(8) FY23 decrease (\$6.900M) for H-1 Operational Flight Program Dev at Bell Tech: completed A-Kit design study in FY22; no new work in FY23.

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<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Govt Integrated Logistic Support	WR	Fleet Readiness Depot : Jacksonville, FL	0.000	0.144	Oct 2020	0.071	Oct 2021	0.160	Oct 2022	-		0.160	Continuing	Continuing	Continuing
Logistic Deliverables	SS/CPFF	RIAC : Ft. Belvoir, VA	0.488	0.301	Jun 2021	0.152	Nov 2021	0.158	Nov 2022	-		0.158	Continuing	Continuing	Continuing
ESOH support	WR	NAWC WD : China Lake	0.131	0.008	Nov 2020	0.008	Nov 2021	0.008	Nov 2022	-		0.008	0.000	0.155	-
Integrated Logistic Support	C/CPAF	Wyle Laboratories : Lexington Park, MD	0.300	0.141	Apr 2021	0.000	Apr 2022	0.000		-		0.000	0.000	0.441	0.300
Comercial Shipping TAC code	TBD	Various : Various	0.025	0.030	Nov 2020	0.030	Nov 2021	0.030	Oct 2022	-		0.030	Continuing	Continuing	Continuing
ESOH Support	SS/CPFF	RIAC : Ft. Belvoir, VA	0.000	0.048	Nov 2020	0.070	Nov 2021	0.032	Nov 2022	-		0.032	Continuing	Continuing	Continuing
Govt Integrated Logistics Support	WR	NAWCAD : Patuxent River, MD	0.231	0.220	Oct 2020	0.220	Oct 2021	0.260	Oct 2022	-		0.260	Continuing	Continuing	Continuing
<b>Subtotal</b>			1.175	0.892		0.551		0.648		-		0.648	Continuing	Continuing	N/A

**Remarks**

(1) FY23 increase (\$0.089M) FR Depot Jax, FL to prepare for Integrated Logistic Assessment.

(2) FY23 increase (\$0.006M) Logistic Deliverables, RIAC Ft. Belvoir, VA to prepare for Integrated Logistic Assessment.

(3) FY23 decrease (\$0.038M) ESOH Support, RIAC Ft. Belvoir, VA to align with schedule shift from design to integration and test.

(4) FY23 increase (\$0.040M) NAWCAD Patuxent River, MD to prepare for Integrated Logistic Assessment.

<b>Test and Evaluation (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Govt T&E Support	WR	NAWCAD : Patuxent River, MD	8.573	1.199	Oct 2020	1.810	Oct 2021	1.022	Oct 2022	-		1.022	Continuing	Continuing	Continuing
Govt T&E Support	WR	NAWCWD : China Lake, CA	6.390	0.052	Nov 2020	0.053	Nov 2021	0.829	Nov 2022	-		0.829	Continuing	Continuing	Continuing
Flight Test/Live Fire	WR	USA DPG : Various	0.798	0.117	Mar 2021	0.000		0.000		-		0.000	Continuing	Continuing	Continuing

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<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604272N / Tact Air Dir Infrared CM (TA DIRCM)	<b>Project (Number/Name)</b> 3348 / DAIRCM Development
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<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
T& E Support	C/CPFF	GWEF : Eglin AFB, FL	1.685	0.270	Dec 2020	0.000	Jun 2022	0.200	Dec 2022	-		0.200	Continuing	Continuing	Continuing
Govt T&E Support	WR	COTF : Various	1.441	0.201	Nov 2020	0.335	Jan 2022	0.579	Jan 2023	-		0.579	Continuing	Continuing	Continuing
Govt T&E Support	WR	CRANE : CRANE	1.050	0.000	Jan 2021	0.370	Jan 2022	0.109	Jan 2023	-		0.109	0.000	1.529	-
OCO Flight & Live Fire Test	WR	Various : Various	2.877	0.000		0.000		0.000		-		0.000	0.000	2.877	-
OCO Govt T&E Support	WR	Various : Various	2.370	0.000		0.000		0.000		-		0.000	0.000	2.370	0.450
NEWEG IASE Test Support	C/CPFF	NAWCWD : Point Mugu, CA	0.000	0.483	Jul 2021	0.000		0.000		-		0.000	0.000	0.483	-
<b>Subtotal</b>			25.184	2.322		2.568		2.739		-		2.739	Continuing	Continuing	N/A

**Remarks**  
 (1) FY23 decrease (\$0.788M) Gov T&E Support at NAWCAD Patuxent River, MD due to material availability for DAIRCM test.  
 (2) FY23 increase (\$0.776M) NAWCWD China Lake, CA to support FY23 testing.  
 (3) FY23 increase (\$0.200M) T&E Support at GWEF Eglin AFB, FL for modeling to support flight test.  
 (4) FY23 increase (\$0.244M) Govt T&E Support at COTF to support FY23 testing.  
 (5) FY23 decrease (\$0.261M) Govt T&E Support at Crane for completion of missile simulation to support DAIRCM Government countermeasures.

<b>Management Services (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Contractor Mgmt Support	C/CPFF	Amelex : California, MD	0.000	0.161	Jun 2021	0.170	Jan 2022	0.147	Jan 2023	-		0.147	0.000	0.478	-
Contractor Eng Support	C/CPFF	Engility : Lexington Park, MD	1.028	0.133	Jan 2021	0.800	Jan 2022	0.103	Jan 2023	-		0.103	0.000	2.064	-
Travel	WR	NAVAIR Various : Patuxent River, MD	0.313	0.030	Jun 2021	0.360	Jun 2022	0.320	Oct 2022	-		0.320	0.000	1.023	-
Govt PM Support	WR	NAWCAD : Patuxent River, MD	0.499	0.526	Oct 2020	1.300	Dec 2021	0.934	Oct 2022	-		0.934	0.000	3.259	-
Govt Eng Support	WR	NSWC : Dahlgren, VA	0.033	0.018	Jun 2021	0.025	Nov 2021	0.000		-		0.000	0.000	0.076	-

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<b>Management Services (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Eng Support	C/CPFF	DCS : Bethesda, MD	0.188	0.000		0.000		0.000		-		0.000	0.000	0.188	-
DISA	C/BA	NAVIDFOR : Suffolk, VA	0.020	0.000	Jun 2021	0.020	Jun 2022	0.020	Jun 2023	-		0.020	0.000	0.060	-
<b>Subtotal</b>			2.081	0.868		2.675		1.524		-		1.524	0.000	7.148	N/A

**Remarks**  
 (1) FY23 decrease (\$0.023M) Contract Mgmt Support Amelex, CA MD and (\$0.697) Contract Eng Support Engility Lex Park, MD as program shifts from design to Government test.  
 (2) FY23 decrease (\$0.040M) for Government travel as program shifts from design to Government test.  
 (3) FY23 Decrease (\$0.366M) Gov PM Support NAWCAD Patuxent River, MD as program shifts from design to Government test.  
 (4) FY23 Decrease (\$0.025M) Gov Eng Support at NSWC Dahlgren, VA support; no longer needed

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	149.036	47.912	33.246	15.028	-	15.028	Continuing	Continuing	N/A

**Remarks**

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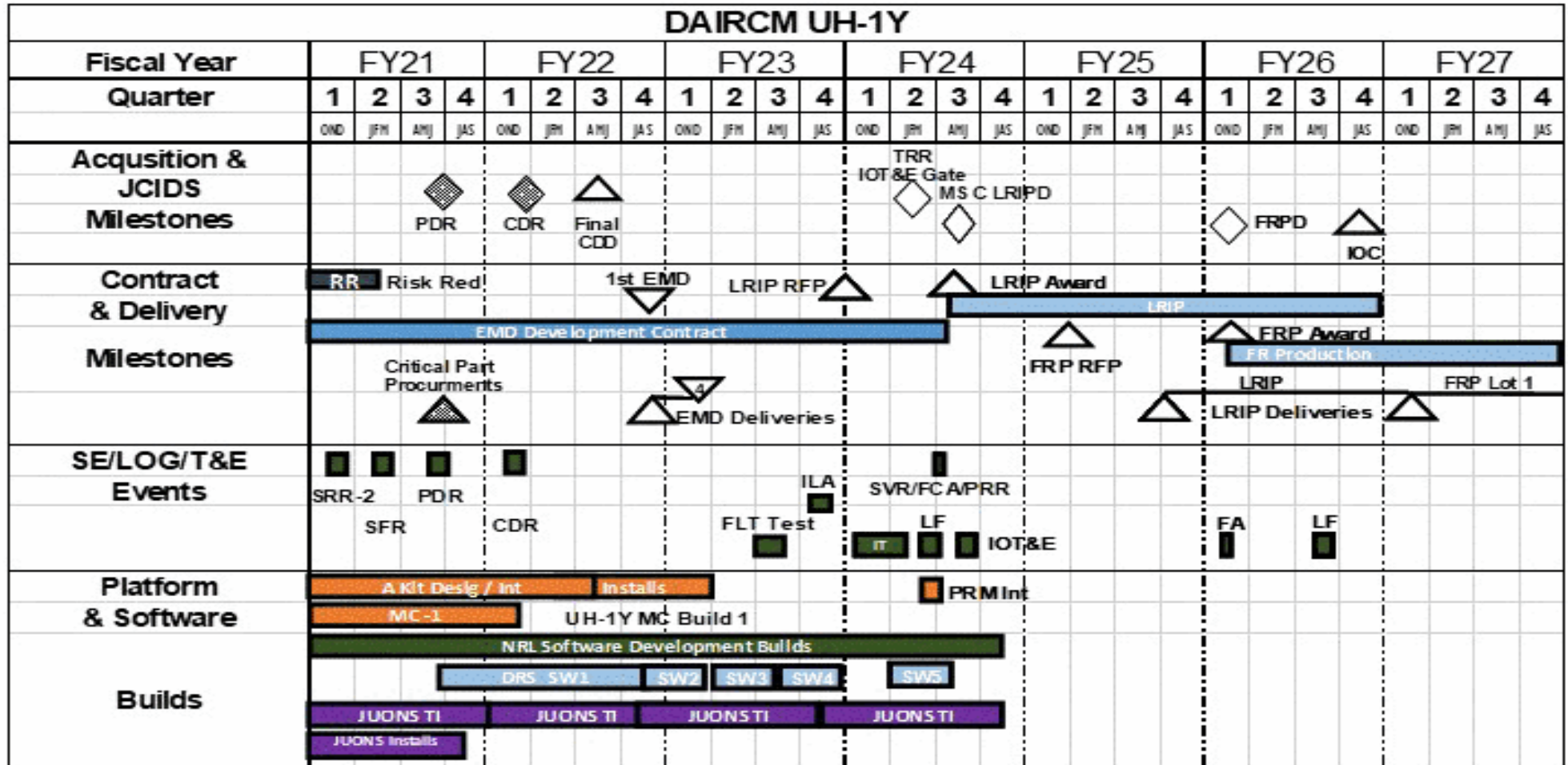
Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy

Date: April 2022

Appropriation/Budget Activity  
1319 / 4

R-1 Program Element (Number/Name)  
PE 0604272N / Tact Air Dir Infrared CM (TA  
DIRCM)

Project (Number/Name)  
3348 / DAIRCM Development



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604272N / <i>Tact Air Dir Infrared CM (TA DIRCM)</i>	<b>Project (Number/Name)</b> 3348 / <i>DAIRCM Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>DAIRCM</b>				
Acquisition Milestones: DAIRCM Final Capability Development Document (CDD): Schedule Detail	3	2022	3	2022
Acquisition Milestones: DAIRCM MSC Decision: Schedule Detail	3	2024	3	2024
Acquisition Milestones: Full-Rate Production Decision (FRPD): Schedule Detail	1	2026	1	2026
Acquisition Milestones: Initial Operational Capability (IOC): Schedule Detail	4	2026	4	2026
Acquisition Milestones: DAIRCM Test Readiness Review (TRR) IOT&E Gate: Schedule Detail	2	2024	2	2024
Systems Development: DAIRCM SRR 2: Schedule Detail	1	2021	1	2021
Systems Development: JUONS Technical Insertion: Schedule Detail	1	2021	4	2024
Systems Development: DAIRCM SFR: Schedule Detail	2	2021	2	2021
Systems Development: DAIRCM PDR: Schedule Detail	3	2021	3	2021
Systems Development: DAIRCM CDR: Schedule Detail	1	2022	1	2022
Systems Development: DAIRCM PRR: Schedule Detail	3	2024	3	2024
Systems Development: DAIRCM Risk Reduction BOA: Schedule Detail	1	2021	2	2021
Test and Evaluation: DAIRCM Development Flight Test: Schedule Detail	3	2023	3	2023
Test and Evaluation: DAIRCM Integrated Test & Evaluation (IT): Schedule Detail	1	2024	2	2024
Test and Evaluation: FY24 DAIRCM Live Fire (LF): Schedule Detail	2	2024	2	2024
Test and Evaluation: DAIRCM Initial Operational Test and Evaluation (IOT&E): Schedule Detail	3	2024	3	2024
Test and Evaluation: FY26 DAIRCM Live Fire (LF): Schedule Detail	3	2026	3	2026
Production Milestones: Low-Rate Initial Production (LRIP) Award: Schedule Detail	3	2024	3	2024
Production Milestones: Full-Rate Production (FRP) Award: Schedule Detail	1	2026	1	2026

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2023 Navy **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604272N / <i>Tact Air Dir Infrared CM (TA DIRCM)</i>	<b>Project (Number/Name)</b> 3348 / <i>DAIRCM Development</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Deliveries: EMD Hardware Deliveries: Schedule Detail	4	2022	1	2023
Deliveries: LRIP Deliveries: Schedule Detail	4	2025	1	2027
Deliveries: FRP Deliveries: Schedule Detail	1	2027	4	2027