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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605327N / T-AO 205 Class
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	7.871	4.287	0.220	0.071	-	0.071	0.000	0.000	0.000	0.000	0.000	12.449
3375: <i>T-AO 205 Class Development</i>	7.871	4.287	0.220	0.071	-	0.071	0.000	0.000	0.000	0.000	0.000	12.449

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): P452

A. Mission Description and Budget Item Justification

Test and Evaluation (T&E) requirements to support the T-AO 205 John Lewis Fleet Oiler Class recapitalization of the existing T-AO 187 Fleet Oiler Class. The Navy's Combat Logistics Force (CLF) oilers supply fuel and dry cargo to Navy ships at sea. The T-AO 205 Class will operate as shuttle ships from resupply ports to customer ships. Additionally, in conjunction with a T-AKE, they will accompany and stay on-station with a Carrier Strike Group (CSG) to provide fuel as required to customer ships.

B. Program Change Summary (\$ in Millions)

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024 Base</u>	<u>FY 2024 OCO</u>	<u>FY 2024 Total</u>
Previous President's Budget	4.336	0.220	0.071	-	0.071
Current President's Budget	4.287	0.220	0.071	-	0.071
Total Adjustments	-0.049	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.049	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000

Change Summary Explanation

T-AO 205 delivered in July 2022, this was a 2 month schedule delay with first of class complexities (power train, system controls), continued COVID driven labor shortages, and required to complete overall ship production. Thus there was a one for one delay for the following testing events: Completion of DT-C, Operational Test Readiness Review (OTRR), Initial Operational Test and Evaluation (IOT&E) and Report, Total Ship Survivability Trial (TSST) and completion of Final Survivability Assessment Report (FSAR).

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy										Date: March 2023		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0605327N / T-AO 205 Class				Project (Number/Name) 3375 / T-AO 205 Class Development			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
3375: T-AO 205 Class Development	7.871	4.287	0.220	0.071	-	0.071	0.000	0.000	0.000	0.000	0.000	12.449
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: P452												

A. Mission Description and Budget Item Justification

Test and Evaluation (T&E) requirements to support the T-AO 205 John Lewis Fleet Oiler Class recapitalization of the existing T-AO 187 Fleet Oiler Class. The Navy's Combat Logistics Force (CLF) oilers supply fuel and dry cargo to Navy ships at sea. The T-AO 205 Class will operate as shuttle ships from resupply ports to customer ships. Additionally, in conjunction with a T-AKE, they will accompany and stay on-station with a Carrier Strike Group (CSG) to provide fuel as required to customer ships.

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

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Title: T-AO 205 Class Test and Evaluation	4.287	0.220	0.071	0.000	0.071
Articles:	-	-	-	-	-
FY 2023 Plans: Complete the execution of the Test and Evaluation (T&E) Phases Developmental Testing (DT), Operational Testing (OT), and Live Fire Test and Evaluation (LFT&E) per the Test and Evaluation Master Plan (TEMP) schedule. Complete DT-C, Integrated Testing (IT), Initial Operational Test and Evaluation (IOT&E), and Final Survivability Assessment Report (FSAR). Coordinate efforts with the Shipbuilder, NAVSEA, MSC, PEO SHIPS, COMOPTEVFOR, JITC and OSD DOT&E.					
FY 2024 Base Plans: Complete the execution of the Test and Evaluation (T&E). Coordinate efforts with the Shipbuilder, NAVSEA, MSC, PEO SHIPS, COMOPTEVFOR, JITC and OSD DOT&E.					
FY 2024 OCO Plans: N/A					
FY 2023 to FY 2024 Increase/Decrease Statement: The decrease of \$0.149M is due to the completion of Lead Hull Test and Evaluation (T&E) Phase.					
Accomplishments/Planned Programs Subtotals	4.287	0.220	0.071	0.000	0.071

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

<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• SCN/5025: T-AO 205 Class Fleet Oiler	1,463.784	782.588	815.420	-	815.420	0.000	1,632.295	861.022	1,751.894	4,661.698	15,322.173
• SCN/5300: Completion of PY Shpblgd Progr	66.700	128.100	122.895	-	122.895	37.040	7.750	0.000	0.000	0.000	441.534

Remarks

D. Acquisition Strategy

The first Fleet Oiler was awarded in FY16. Fleet oilers will comply with the Oil Pollution Act of 1990 (OPA-90) and International Marine Pollution Regulation (MARPOL) requirements.

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605327N / T-AO 205 Class	Project (Number/Name) 3375 / T-AO 205 Class Development
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Proj 3375	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	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
Developmental Testing (DT)	DT-B				DT-C																							
Operational Testing (OT)					OTRR	IOT&E			IOT&E Report																			
Live Fire Test & Evaluation (LFT&E)	DSBEA				TSST				FSAR																			

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3375				
Developmental Testing (DT): DT Phase B - Production Acceptance Test & Evaluation (PAT&E)	1	2022	4	2022
Developmental Testing (DT): DT Phase C - Post Delivery Test and Trials (PDT&T)	4	2022	4	2023
Operational Testing (OT): Operational Test Readiness Review (OTRR)	1	2023	1	2023
Operational Testing (OT): OT Phase C (IOT&E)	2	2023	3	2023
Operational Testing (OT): Initial Operational Test and Evaluation (IOT&E) Report	1	2024	2	2024
Live Fire Test & Evaluation (LFT&E): Detailed Design Survivability Assessment (DSBEA)	1	2022	2	2023
Live Fire Test & Evaluation (LFT&E): Total Ship Survivability Trial (TSST)	4	2023	4	2023
Live Fire Test & Evaluation (LFT&E): Final Survivability Assessment Report (FSAR)	1	2024	2	2024