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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Navy **Date:** February 2016

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 / (U)T-AO (X)
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	0.000	1.095	-	1.095	1.842	0.892	0.899	0.900	Continuing	Continuing
3375: T-AO(X)	0.000	0.000	0.000	1.095	-	1.095	1.842	0.892	0.899	0.900	Continuing	Continuing

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

A. Mission Description and Budget Item Justification

T-AO(X) Test and Evaluation (T&E) in support of 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(X) will operate as a shuttle ship from resupply ports to customer ships. Additionally, in conjunction with a T-AKE Dry Cargo/Ammunition Ship, 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 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	1.095	-	1.095
Total Adjustments	0.000	0.000	1.095	-	1.095
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	1.248	-	1.248
• Rate/Misc Adjustments	0.000	0.000	-0.153	-	-0.153

Change Summary Explanation

New MDAP assigned Program Element (PE); efforts previously funded under the Ship Preliminary Design and Feasibility Studies Line (0603564N).

FY 2017 funding request includes an increase of \$1.300 million in support of Test and Evaluation (T&E) requirements, a reduction of \$0.052 million for the Department of the Navy to comply with the Bipartisan Budget Act of 2015, and \$0.153 million reduction for other rates and miscellaneous adjustments.

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy **Date:** February 2016

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0605327N / (U)T-AO (X)				Project (Number/Name) 3375 / T-AO(X)			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
3375: T-AO(X)	0.000	0.000	0.000	1.095	-	1.095	1.842	0.892	0.899	0.900	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: P452

A. Mission Description and Budget Item Justification

T-AO(X) Test and Evaluation (T&E) in support of 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(X) will operate as a shuttle ship from resupply ports to customer ships. Additionally, in conjunction with a T-AKE Dry Cargo/Ammunition Ship, 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 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: New Accomplishment/Planned Program Entry	0.000	0.000	1.095	0.000	1.095
Articles:	-	-	-	-	-
FY 2015 Accomplishments: N/A					
FY 2016 Plans: N/A					
FY 2017 Base Plans: Support the execution of Test and Evaluation Developmental Test (DT) and Operational Test (OT) schedule per the approved Test and Evaluation Master Plan (TEMP). Plan and execute OT Phase OT-C1 (Operational Assessment). Begin preparation of the System Vulnerability Assessment. Support LFT&E efforts by conducting Mine Susceptibility Modeling and Simulation using the Total Mine Simulator System (TMSS). Coordinate efforts with NAVSEA, MSC, PEO Ships, COMOPTEVFOR, JITC and OSD DOT&E.					
FY 2017 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.000	0.000	1.095	0.000	1.095

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605327N / (U)T-AO (X)	Project (Number/Name) 3375 / T-AO(X)
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• SCN/5025: <i>Fleet Oiler</i> <i>Recapitalization T-AO(X)</i>	0.000	674.190	73.079	-	73.079	530.357	518.996	544.245	539.578	7,911.000	10,791.445

Remarks

D. Acquisition Strategy

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

E. Performance Metrics

None.

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Navy **Date:** February 2016

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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3375				
Developmental Testing (DT-B)	1	2017	3	2020
Integrated Testing	3	2017	4	2021
Operational Testing OT-C1 (OA)	3	2017	3	2017
Test and Evaluation Master Plan (TEMP) Update	2	2018	2	2020
Developmental Testing (DT-C)	4	2020	4	2021
Operational Test Readiness Review (OTRR)	3	2021	3	2021
Operational Testing (OT-C2 (IOT&E))	3	2021	3	2021
Total Ship Survivability Trial (TSST)	3	2021	3	2021