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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Navy										Date: March 2019		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0605327N I (U)T-AO 205 Class							
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	1.062	1.895	1.298	1.682	-	1.682	5.438	1.311	0.000	0.000	0.000	12.686
3375: T-AO 205 Class Development	1.062	1.895	1.298	1.682	-	1.682	5.438	1.311	0.000	0.000	0.000	12.686
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): P452												
A. Mission Description and Budget Item Justification												
The FY 2020 funding request was reduced by \$0.722 million to account for the availability of prior year execution balances.												
T-AO 205 John Lewis Fleet Oiler Class 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 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)				FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total				
Previous President's Budget				1.961	1.298	2.407	-	2.407				
Current President's Budget				1.895	1.298	1.682	-	1.682				
Total Adjustments				-0.066	0.000	-0.725	-	-0.725				
• Congressional General Reductions				-	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-	-							
• SBIR/STTR Transfer				-0.066	0.000							
• Program Adjustments				0.000	0.000	-0.722	-	-0.722				
• Rate/Misc Adjustments				0.000	0.000	-0.003	-	-0.003				
Change Summary Explanation												
The FY 2020 funding request was reduced by \$0.722 million to account for the availability of prior year execution balances.												

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Navy									Date: March 2019			
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0605327N / (U)T-AO 205 Class				Project (Number/Name) 3375 / T-AO 205 Class Development			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
3375: T-AO 205 Class Development	1.062	1.895	1.298	1.682	-	1.682	5.438	1.311	0.000	0.000	0.000	12.686
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: P452												
A. Mission Description and Budget Item Justification												
T-AO 205 John Lewis Fleet Oiler Class 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 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)												
Title: T-AO 205 Test and Evaluation							FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	
							1.895	1.298	1.682	0.000	1.682	
Articles:							-	-	-	-	-	
FY 2019 Plans:												
Support the execution of the Test and Evaluation Phases DT, OT, and LFT&E per the TEMP. Continue execution of the DT Phase DT-B. FY19 DT-B Test events include Cybersecurity DT, E3 Surveys, and Shipbuilder conducted system verification. Continue development of Test Plans for OT Phase OT-C, Initial Operational Test and Evaluation (IOT&E). Conduct DSBEA. Coordinate efforts with the Shipbuilder, NAVSEA, MSC, PEO Ships, COMOPTEVFOR, JITC and OSD DOT&E.												
FY 2020 Base Plans:												
Support the execution of the Test and Evaluation Phases DT, OT, and LFT&E per the TEMP. Continue execution of the DT Phase DT-B. FY20 DT-B Test events include Cybersecurity DT, Acoustic Trials, Shipboard Electronic System Evaluation Facility (SESEF) Testing, and Shipbuilder conducted system verification. Continue development of Test Plans for OT Phase OT-C, Initial Operational Test and Evaluation (IOT&E). Perform Recoverability Assessment in support of DSBEA. Conduct pre-test efforts in support of Total Ship Survivability Trial (TSST). Coordinate efforts with the Shipbuilder, NAVSEA, MSC, PEO Ships, COMOPTEVFOR, JITC and OSD DOT&E.												
FY 2020 OCO Plans:												
N/A												
FY 2019 to FY 2020 Increase/Decrease Statement:												

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2020 Navy										<b>Date:</b> March 2019	
<b>Appropriation/Budget Activity</b> 1319 / 5				<b>R-1 Program Element (Number/Name)</b> PE 0605327N / (U)T-AO 205 Class				<b>Project (Number/Name)</b> 3375 / T-AO 205 Class Development			

  

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>
The increase is due to additional FY20 testing events and additional pre-test efforts to prepare for FY21 events.					
<b>Accomplishments/Planned Programs Subtotals</b>	1.895	1.298	1.682	0.000	1.682

  

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• SCN/5025: T-AO 205 Class	533.056	1,067.599	1,057.915	-	1,057.915	512.561	521.570	1,101.300	559.320	6,095.510	12,196.100

**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.

  

**E. Performance Metrics**  
None.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy												Date: March 2019			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0605327N / (U)T-AO 205 Class				Project (Number/Name) 3375 / T-AO 205 Class Development					
Test and Evaluation (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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
Development Test & Evaluation	Various	Various : Various	0.340	0.566	Jun 2018	0.654	Dec 2018	0.901	Jan 2020	-		0.901	2.009	4.470	-
Operational Test & Evaluation	Various	Various : Various	0.477	0.613	Apr 2018	0.140	Mar 2019	0.351	Jan 2020	-		0.351	2.915	4.496	-
Live Fire Test & Evaluation	Various	Various : Various	0.245	0.716	Jan 2018	0.504	Nov 2018	0.430	Jan 2020	-		0.430	1.829	3.724	-
Subtotal			1.062	1.895		1.298		1.682		-		1.682	6.753	12.690	N/A
			Prior Years	FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			1.062	1.895		1.298		1.682		-		1.682	6.753	12.690	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Navy

Date: March 2019

Appropriation/Budget Activity  
1319 / 5

R-1 Program Element (Number/Name)  
PE 0605327N / (U)T-AO 205 Class

Project (Number/Name)  
3375 / T-AO 205 Class Development

KEY EVENTS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
TEST & EVALUATION MASTER PLAN (TEMP) UPDATE	▲		△ TEMP UPDATE				
DEVELOPMENTAL TESTING (DT)							
DT PHASE B (PAT&E)	▲			△ DT-B			
DT PHASE C (PDT&T)				△	△ DT-C		
OPERATIONAL TESTING (OT)							
DT ASSIST	▲			△ DT ASSIST			
OPERATIONAL TEST READINESS REVIEW (OTRR)				△	OTRR		
OT PHASE C (IOT&E)				△	△ OT-C		
INITIAL OPERATIONAL TEST AND EVALUATION (IOT&E) REPORT				IOT&E REPORT	△		
LIVE FIRE TEST & EVALUATION (LFT&E)							
DETAILED DESIGN SURVIVABILITY ASSESSMENT (DSBEA)	▲			△ SURV. ASSESS			
TOTAL SHIP SURVIVABILITY TRIAL (TSST)				△	TSST		
FINAL SURVIVABILITY ASSESSMENT REPORT (FSAR)					△ FSAR		

▲ Event Completed

△ Planned Event

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2020 Navy			<b>Date:</b> March 2019
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605327N / (U)T-AO 205 Class	<b>Project (Number/Name)</b> 3375 / T-AO 205 Class Development	

**Schedule Details**

<b>Events by Sub Project</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
<b><i>Proj 3375</i></b>				
Test & Evaluation Master Plan (TEMP) Update	2	2018	2	2020
Developmental Testing (DT): DT Phase B (PAT&E)	1	2018	1	2021
Developmental Testing (DT): DT Phase C (PDT&T)	1	2021	1	2022
Operational Testing (OT): DT Assist	1	2018	1	2021
Operational Testing (OT): Operational Test Readiness Review (OTRR)	3	2021	3	2021
Operational Testing (OT): OT Phase C (IOT&E)	3	2021	4	2021
Operational Testing (OT): Initial Operational Test and Evaluation (IOT&E) Report	1	2022	1	2022
Live Fire Test & Evaluation (LFT&E): Detailed Design Survivability Assessment (DSBEA)	1	2018	3	2021
Live Fire Test & Evaluation (LFT&E): Total Ship Survivability Trial (TSST)	3	2021	3	2021
Live Fire Test & Evaluation (LFT&E): Final Survivability Assessment Report (FSAR)	1	2022	1	2022