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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Navy										Date: February 2018		
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 205 Class							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	0.000	1.062	1.961	1.298	-	1.298	2.407	5.007	1.024	0.000	0.000	12.759
3375: <i>T-AO 205 Class Development</i>	0.000	1.062	1.961	1.298	-	1.298	2.407	5.007	1.024	0.000	0.000	12.759
Program MDAP/MAIS Code:												
Project MDAP/MAIS Code(s): 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. Program Change Summary (\$ in Millions)					FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total			
Previous President's Budget					1.095	1.961	1.312	-	1.312			
Current President's Budget					1.062	1.961	1.298	-	1.298			
Total Adjustments					-0.033	0.000	-0.014	-	-0.014			
• Congressional General Reductions					-	-						
• Congressional Directed Reductions					-	-						
• Congressional Rescissions					-	-						
• Congressional Adds					-	-						
• Congressional Directed Transfers					-	-						
• Reprogrammings					-	-						
• SBIR/STTR Transfer					-0.033	0.000						
• Rate/Misc Adjustments					0.000	0.000	-0.014	-	-0.014			

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy										Date: February 2018		
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 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
3375: T-AO 205 Class Development	0.000	1.062	1.961	1.298	-	1.298	2.407	5.007	1.024	0.000	0.000	12.759
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)								FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: T-AO 205 Test and Evaluation Articles: FY 2018 Plans: Support the execution of Test and Evaluation DT and OT schedule per the TEMP. Continue execution of DT Phase DT-B. Develop Test Plans for OT Phase OT-C, Initial Operational Test and Evaluation (IOT&E). Conduct Detailed Design Survivability Assessment in support of shot selection for Damage Scenario Based Engineering Analysis (DSBEA) and Final Vulnerability Assessment Report (FSAR). Coordinate efforts with NAVSEA, MSC, PEO Ships, COMOPTEVFOR, JITC and OSD DOT&E. FY 2019 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. 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 Damage Scenario Based Engineering Analysis (DSBEA). Coordinate efforts with the Shipbuilder, NAVSEA, MSC, PEO Ships, COMOPTEVFOR, JITC and OSD DOT&E. FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement: Decrease from FY18 to FY19 planned per program testing development schedule.								1.062	1.961	1.298	0.000	1.298
								-	-	-	-	-
Accomplishments/Planned Programs Subtotals								1.062	1.961	1.298	0.000	1.298

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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			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2019</u>	<u>FY 2019</u>	<u>FY 2019</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Complete</u>	<u>Total Cost</u>
• SCN/5025: T-AO 205 Class	73.079	541.056	1,067.599	-	1,067.599	539.358	1,035.108	523.494	1,102.793	4,534.036	10,090.713
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 2019 Navy													Date: February 2018		
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 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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	0.000	0.340	Jun 2017	0.632	Jan 2018	0.494	Jan 2019	-		0.494	2.702	4.168	-
Operational Test & Evaluation	Various	Various : Various	0.000	0.477	Aug 2017	0.613	Jan 2018	0.300	Jan 2019	-		0.300	3.815	5.205	-
Live Fire Test & Evaluation	Various	Various : Various	0.000	0.245	Aug 2017	0.716	Jan 2018	0.504	Jan 2019	-		0.504	1.921	3.386	-
Subtotal			0.000	1.062		1.961		1.298		-		1.298	8.438	12.759	N/A
			Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	1.062		1.961		1.298		-		1.298	8.438	12.759	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Navy

Date: February 2018

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

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Proj 3375																												
Test & Evaluation Master Plan (TEMP) Update																												
Developmental Testing (DT): DT Phase B (PAT&E)																												
Developmental Testing (DT): DT Phase C (PDT&T)																												
Operational Testing (OT): DT Assist																												
Operational Testing (OT): Operational Test Readiness Review (OTRR)																												
Operational Testing (OT): OT Phase C (IOT&E)																												
Operational Testing (OT): Initial Operational Test and Evaluation (IOT&E) Report																												
Live Fire Test & Evaluation (LFT&E): Detailed Design Survivability Assessment (DSBEA)																												
Live Fire Test & Evaluation (LFT&E): Total Ship Survivability Trial (TSST)																												
Live Fire Test & Evaluation (LFT&E): Final Survivability Assessment Report (FSAR)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Navy			Date: February 2018
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	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3375</i>				
Test & Evaluation Master Plan (TEMP) Update	2	2018	2	2020
Developmental Testing (DT): DT Phase B (PAT&E)	3	2017	1	2021
Developmental Testing (DT): DT Phase C (PDT&T)	1	2021	1	2022
Operational Testing (OT): DT Assist	3	2017	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)	4	2017	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