

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy									Date: May 2017			
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 Program Element (Number/Name) PE 0604122N I (U)Remote Minehunting System (RMS)							
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	20.534	16.940	3.001	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	40.475
0260: Remote Minehunting Systems	20.534	16.940	3.001	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	40.475
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): 286												
A. Mission Description and Budget Item Justification												
The AN/WLD-1(V) 2 Remote Minehunting System (RMS) was a mine reconnaissance system designed for the detection, classification, identification, and localization of bottom and moored mines in shallow and deep water.												
As a result of the Department's Independent Review Team (IRT)the RMS program of record was cancelled.												
B. Program Change Summary (\$ in Millions)				FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total				
Previous President's Budget				17.589	3.001	0.000	-	0.000				
Current President's Budget				16.940	3.001	0.000	-	0.000				
Total Adjustments				-0.649	0.000	0.000	-	0.000				
• Congressional General Reductions				-	-							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-0.199	0.000							
• SBIR/STTR Transfer				-0.450	0.000							
• Rate/Misc Adjustments				0.000	0.000	0.000	-	0.000				
Change Summary Explanation												
Program Adjustments:												
FY16 -\$450K SBIR assessment; -\$199K BTR												
FY17 - N/A												
FY18 - N/A												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy										Date: May 2017								
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0604122N / (U)Remote Minehunting System (RMS)				Project (Number/Name) 0260 / Remote Minehunting Systems									
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost						
0260: Remote Minehunting Systems	20.534	16.940	3.001	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	40.475						
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-								
Project MDAP/MAIS Code: 286																		
A. Mission Description and Budget Item Justification The AN/WLD-1(V)2 Remote Minehunting System (RMS) was a mine reconnaissance system designed for the detection, classification, identification, and localization of bottom and moored mines in shallow and deep water.																		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total						
								Title: Product Development						11.970	0.000	0.000	0.000	0.000
								Articles:						-	-	-	-	-
								FY 2016 Accomplishments: - Upgrade Pre-Reliability Growth Program (RGP) vehicles (v4.0) to final v6.0 configuration including reliability upgrades and LCS Integration ECPs.										
								FY 2017 Plans: N/A										
FY 2018 Base Plans: N/A																		
FY 2018 OCO Plans: N/A																		
Title: Support								3.920	2.001	0.000	0.000	0.000						
Articles:								-	-	-	-	-						
FY 2016 Accomplishments: - Provide engineering, logistics, and programmatic support for v6.0 upgrade efforts. - Conduct post-upgrade inspections. - Provide engineering, logistics, and programmatic support for RMMV Integration/Maintenance contract. - Support S&T transitions to LRIP 1 fleet. - Provide planning support for RMMV Technology Refresh and Overhaul efforts.																		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy							Date: May 2017				
Appropriation/Budget Activity 1319 / 4			R-1 Program Element (Number/Name) PE 0604122N / (U)Remote Minehunting System (RMS)			Project (Number/Name) 0260 / Remote Minehunting Systems					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	
- Provide engineering support for correction of deficiencies efforts.											
FY 2017 Plans:											
- Provide engineering, logistics, and programmatic support for IRT recommendations.											
FY 2018 Base Plans:											
N/A											
FY 2018 OCO Plans:											
N/A											
Title: Management						1.050	1.000	0.000	0.000	0.000	
Articles:						-	-	-	-	-	
FY 2016 Accomplishments:											
- Provide program management and oversight of RMMV v6.0 upgrades.											
- Provide program management and oversight of RMMV Integration/Maintenance contract.											
- Support for the Independent Review Team (IRT)											
FY 2017 Plans:											
- Provide program management and oversight of IRT recommendations.											
FY 2018 Base Plans:											
N/A											
FY 2018 OCO Plans:											
N/A											
Accomplishments/Planned Programs Subtotals						16.940	3.001	0.000	0.000	0.000	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• OPN/1605: Remote Minehunting System (RMS)	53.077	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	53.077

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy								Date: May 2017			
Appropriation/Budget Activity 1319 / 4				R-1 Program Element (Number/Name) PE 0604122N / (U)Remote Minehunting System (RMS)			Project (Number/Name) 0260 / Remote Minehunting Systems				
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2018</u>	<u>FY 2018</u>	<u>FY 2018</u>				<u>Cost To</u>		
<u>Line Item</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>Complete</u>	<u>Total Cost</u>
Remarks											
On 24 Mar 2016, USD AT&L issued an ADM cancelling the RMS program. USD AT&L granted authority to continue the necessary contract actions to sustain the 10 RMMVs, and to execute the IRT recommendations to overhaul the LRIP 1 units and support the LCS MCM MP Deployment and FY19 Minehunting Assessment.											
D. Acquisition Strategy											
An RMMV LRIP 1 Integration/Maintenance Contract was awarded in FY15 to support the integration and maintenance activities of LRIP 1 systems, integration with the LCS Freedom Variant, incorporate Ao improvements, and address obsolescence changes.											
E. Performance Metrics											
N/A											

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy												Date: May 2017			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0604122N / (U)Remote Minehunting System (RMS)						Project (Number/Name) 0260 / Remote Minehunting Systems			
Product Development (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Hardware Development & Integration	Various	LOCKHEED MARTIN : West Palm Beach, FL	13.318	11.020	Nov 2015	0.000		0.000		-		0.000	0.000	24.338	-
SBIR Transition	Various	Various : Various	0.678	0.950	Jan 2016	0.000		0.000		-		0.000	0.000	1.628	-
Hardware Development & Integration	C/FPIF	LOOKHEED MARTIN : West Palm Beach, FL	1.000	0.000		0.000		0.000		-		0.000	0.000	1.000	-
Subtotal			14.996	11.970		0.000		0.000		-		0.000	0.000	26.966	-
Support (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Engineering/ILS	WR	NSWC/PCD : Panama City, FL	1.731	3.474	Oct 2015	1.751	Oct 2016	0.000		-		0.000	0.000	6.956	-
Engineering Support	WR	NUWC/NPT : Newport, RI	0.511	0.233	Nov 2015	0.250	Nov 2016	0.000		-		0.000	0.000	0.994	-
Engineering Support	WR	PORTSMOUTH NSY : Portsmouth, NH	0.308	0.213	Nov 2015	0.000		0.000		-		0.000	0.000	0.521	-
Subtotal			2.550	3.920		2.001		0.000		-		0.000	0.000	8.471	-
Test and Evaluation (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
LCS MCM MP Test Events	WR	NSWC/PCD : Panama City, FL	1.537	0.000		0.000		0.000		-		0.000	0.000	1.537	-
LCS MCM MP Test Events	SS/CPIF	LOCKHEED MARTIN : West Palm Beach, FL	0.763	0.000		0.000		0.000		-		0.000	0.000	0.763	-
Subtotal			2.300	0.000		0.000		0.000		-		0.000	0.000	2.300	-

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy												Date: May 2017			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0604122N / (U)Remote Minehunting System (RMS)						Project (Number/Name) 0260 / Remote Minehunting Systems			

Management Services (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Management Support	C/CPFF	TBD : TBD	0.647	1.000	Dec 2015	1.000	Dec 2016	0.000		-		0.000	0.000	2.647	-
Travel	WR	NAVSEA : WNY, DC	0.041	0.050	Jan 2016	0.000		0.000		-		0.000	0.000	0.091	-
Subtotal			0.688	1.050		1.000		0.000		-		0.000	0.000	2.738	-

	Prior Years	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	20.534	16.940		3.001		0.000		-		0.000	0.000	40.475	-

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: FY 2018 Navy

Date: May 2017

[illegible]

1319 / 4

R-1 Program Element (Number/Name)	Program Element Description	Program Element Type	Program Element Status	Program Element Location	Program Element Date	Program Element Author	Program Element Reviewer	Program Element Approver	Program Element Comments
1.0	1.0.1	1.0.1.1	1.0.1.1.1	1.0.1.1.1.1	1.0.1.1.1.1.1	1.0.1.1.1.1.1.1	1.0.1.1.1.1.1.1.1	1.0.1.1.1.1.1.1.1.1	1.0.1.1.1.1.1.1.1.1.1

PE 0604122N I (U)Remote Minehunting
System (RMS)

Project (Number/Name)	Start Date	End Date	Duration (Days)	Actual Cost	Budgeted Cost	Variance	Cost Index	Performance Index	Cost Variance	Cost Performance	Cost Variance	Cost Performance
101	10/1/2010	10/31/2010	31	100000	100000	0	1.00	1.00	0	1.00	0	1.00
102	11/1/2010	11/30/2010	30	110000	110000	0	1.00	1.00	0	1.00	0	1.00
103	12/1/2010	12/31/2010	31	120000	120000	0	1.00	1.00	0	1.00	0	1.00
104	1/1/2011	1/31/2011	31	130000	130000	0	1.00	1.00	0	1.00	0	1.00
105	2/1/2011	2/28/2011	28	140000	140000	0	1.00	1.00	0	1.00	0	1.00
106	3/1/2011	3/31/2011	31	150000	150000	0	1.00	1.00	0	1.00	0	1.00
107	4/1/2011	4/30/2011	30	160000	160000	0	1.00	1.00	0	1.00	0	1.00
108	5/1/2011	5/31/2011	31	170000	170000	0	1.00	1.00	0	1.00	0	1.00
109	6/1/2011	6/30/2011	30	180000	180000	0	1.00	1.00	0	1.00	0	1.00
110	7/1/2011	7/31/2011	31	190000	190000	0	1.00	1.00	0	1.00	0	1.00
111	8/1/2011	8/31/2011	31	200000	200000	0	1.00	1.00	0	1.00	0	1.00
112	9/1/2011	9/30/2011	30	210000	210000	0	1.00	1.00	0	1.00	0	1.00
113	10/1/2011	10/31/2011	31	220000	220000	0	1.00	1.00	0	1.00	0	1.00
114	11/1/2011	11/30/2011	30	230000	230000	0	1.00	1.00	0	1.00	0	1.00
115	12/1/2011	12/31/2011	31	240000	240000	0	1.00	1.00	0	1.00	0	1.00
116	1/1/2012	1/31/2012	31	250000	250000	0	1.00	1.00	0	1.00	0	1.00
117	2/1/2012	2/29/2012	29	260000	260000	0	1.00	1.00	0	1.00	0	1.00
118	3/1/2012	3/31/2012	31	270000	270000	0	1.00	1.00	0	1.00	0	1.00
119	4/1/2012	4/30/2012	30	280000	280000	0	1.00	1.00	0	1.00	0	1.00
120	5/1/2012	5/31/2012	31	290000	290000	0	1.00	1.00	0	1.00	0	1.00
121	6/1/2012	6/30/2012	30	300000	300000	0	1.00	1.00	0	1.00	0	1.00
122	7/1/2012	7/31/2012	31	310000	310000	0	1.00	1.00	0	1.00	0	1.00
123	8/1/2012	8/31/2012	31	320000	320000	0	1.00	1.00	0	1.00	0	1.00
124	9/1/2012	9/30/2012	30	330000	330000	0	1.00	1.00	0	1.00	0	1.00
125	10/1/2012	10/31/2012	31	340000	340000	0	1.00	1.00	0	1.00	0	1.00
126	11/1/2012	11/30/2012	30	350000	350000	0	1.00	1.00	0	1.00	0	1.00
127	12/1/2012	12/31/2012	31	360000	360000	0	1.00	1.00	0	1.00	0	1.00
128	1/1/2013	1/31/2013	31	370000	370000	0	1.00	1.00	0	1.00	0	1.00
129	2/1/2013	2/28/2013	28	380000	380000	0						

0260 / Remote Minehunting Systems

Proj 0260	FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022			
	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
Milestones																												
Product Development																												
	RMS/LCS Integration																											
RMMV Contract Milestones																												
RMMV System Deliveries																												

2018DON - 0604122N - 0260

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: FY 2018 Navy			Date: May 2017
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0604122N / (U)Remote Minehunting System (RMS)	Project (Number/Name) 0260 / Remote Minehunting Systems	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 0260				
Product Development: RMS/LCS Integration	1	2016	3	2017
RMMV Contract Milestones: Base Production Award (1 system)	4	2016	4	2016
RMMV Contract Milestones: RMMV LRIP 1 Integration/Maintenance (Legacy Configuration) Award	1	2016	3	2017
RMMV System Deliveries: v6.0 Deliveries (2)	4	2016	4	2016