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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0206335M I Common Aviation Command and Control System (CAC2S)							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	0.000	-	32.495	13.431	-	13.431	10.629	3.323	3.403	3.483	Continuing	Continuing
3373: Common Aviation Command and Control System (CAC2S)	0.000	-	32.495	13.431	-	13.431	10.629	3.323	3.403	3.483	Continuing	Continuing
Program MDAP/MAIS Code: Project MDAP/MAIS Code(s): N36												
Note Funding for FY2014 and prior is listed in PE 0206313M Marine Corps Comms Systems, Project 2273 Air Ops Cmd & Control (C2) Sys, Accomplishments/Planned Programs Common Aviation Command and Control Systems (CAC2S) Funding for FY15 and beyond are listed in PE 0206335M Common Aviation Command and Control System (CAC2S), Project 3373 - Common Aviation Command and Control System (CAC2S)												
A. Mission Description and Budget Item Justification Common Aviation Command and Control System (CAC2S) - A coordinated modernization effort to replace the existing aviation command and control equipment of the Marine Air Command and Control System (MACCS) and to provide the Aviation Combat Element (ACE) with the necessary hardware, software, equipment, and facilities to effectively command, control, and coordinate aviation operations. The CAC2S system will accomplish the MACCS missions with a suite of operationally scalable modules to support the Marine Air Ground Task Force (MAGTF), Joint, and Coalition Forces. The CAC2S integrates the functions of aviation command and control into an interoperable system that will support the core competencies of all Marine Corps warfighting concepts. The CAC2S, in conjunction with MACCS organic sensors and weapons systems, supports the tenets of Expeditionary Maneuver Warfare and fosters joint interoperability. CAC2S Increment I will replace legacy aviation command and control systems in the following Marine aviation agencies: Direct Air Support Center (DASC), Tactical Air Command Center (TACC), and Tactical Air Operations Center (TAOC).												

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B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	-	32.495	13.538	-	13.538
Current President's Budget	-	32.495	13.431	-	13.431
Total Adjustments	-	-	-0.107	-	-0.107
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	-	-	-0.107	-	-0.107
Change Summary Explanation					
The decrease in funding from FY15 to FY16 is due to the ramp down of the Engineering, Manufacturing, and Design (EMD) Phase and transition to procurement after Milestone C in 2nd Qtr FY15.					

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Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0206335M / Common Aviation Command and Control System (CAC2S)				Project (Number/Name) 3373 / Common Aviation Command and Control System (CAC2S)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3373: Common Aviation Command and Control System (CAC2S)	-	-	32.495	13.431	-	13.431	10.629	3.323	3.403	3.483	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Project MDAP/MAIS Code: N36												
Note Funding for FY2014 and prior is listed in PE 0206313M Marine Corps Comms Systems, Project 2273 Air Ops Cmd & Control (C2) Sys, Accomplishments/Planned Programs Common Aviation Command and Control Systems (CAC2S) Funding for FY15 and beyond is listed in PE 0206335M Common Aviation Command and Control System (CAC2S), Project 3373 - Common Aviation Command and Control System (CAC2S)												
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Product Development Articles:								-	6.743	1.175	-	1.175
								-	-	-	-	-
FY 2014 Accomplishments: N/A												
FY 2015 Plans:												

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Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0206335M / Common Aviation Command and Control System (CAC2S)	Project (Number/Name) 3373 / Common Aviation Command and Control System (CAC2S)				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Initiate validation and verification of the four (4) Engineering and Development Models (EDMs). FY 2016 Base Plans: -Complete validation and verification of the four (4) Engineering and Development Models (EDMs). -Initiate and complete validation and verification of the four (4) Limited Deployment Units (LDUs). FY 2016 OCO Plans: N/A						
Title: Support and Management Services Articles:		- -	5.333 -	3.303 -	- -	3.303 -
FY 2014 Accomplishments: N/A FY 2015 Plans: Continue program management, business, engineering, and logistical support. FY 2016 Base Plans: Continue program management, business, engineering, and logistical support but this support as program nears completion of EDM phase. FY 2016 OCO Plans: N/A						
Title: Test and Evaluation Articles:		- -	20.419 -	8.953 -	- -	8.953 -
FY 2014 Accomplishments: N/A FY 2015 Plans: -Continue support of phase 2 in Information Assurance certification test scans. -Complete developmental testing of the Engineering and Development Models (EDMs). -Initiate Initial Operational Test and Evaluation (IOT&E) preparations. FY 2016 Base Plans: -Continue support of phase 2 in Information Assurance certification test scans. -Complete Initial Operational Test and Evaluation (IOT&E) preparations.						

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Appropriation/Budget Activity 1319 / 7				R-1 Program Element (Number/Name) PE 0206335M / Common Aviation Command and Control System (CAC2S)				Project (Number/Name) 3373 / Common Aviation Command and Control System (CAC2S)			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
-Intitiate and complete IOT&E.											
FY 2016 OCO Plans: N/A											
Accomplishments/Planned Programs Subtotals							-	32.495	13.431	-	13.431
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• 0206313M/2273: Common Aviation Command And Control System (CAC2S)	47.197	-	-	-	-	-	-	-	-	-	481.352
• PMC/4640: Common Aviation Command And Control System (CAC2S)	2.246	-	-	-	-	-	-	-	-	-	92.311
• PMC/4644: Common Aviation Command And Control System (CAC2S)	-	12.272	35.147	-	35.147	61.184	52.769	53.722	54.809	-	269.903
• PMC/7000: Common Aviation Command And Control (Spares)	-	1.698	-	-	-	-	-	-	-	-	1.698
Remarks											
RDT&E funding for FY2014 and prior is listed in PE 0206313M Marine Corps Comms Systems, Project 2273 Air Ops Cmd & Control (C2) Sys, Accomplishments/ Planned Programs Common Aviation Command and Control Systems (CAC2S).											
RDT&E funding for FY15 and beyond are listed in PE 0206335M Common Aviation Command and Control System (CAC2S), Project 3373 - Common Aviation Command and Control System (CAC2S).											
PMC funding for FY2014 and prior is listed in BLI 4640 Air Operations C2 Systems, Common Aviation Command and Control Systems (CAC2S). This funding was primarily executed in support of CAC2S Phase One.											
PMC funding for FY15 and beyond are listed in BLI 4644 Common Aviation Command and Control System (CAC2S).											

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D. Acquisition Strategy CAC2S will employ an evolutionary acquisition strategy utilizing an incremental and phased approach for development and fielding of the CAC2S. The Capability Production Document (CPD) identifies two increments to achieve the full requirements of CAC2S. The current acquisition strategy addresses Increment I of the CAC2S development process and focuses on the requirements that will modernize the assault and air support, air defense and control, and Aviation Combat Element (ACE) battle management capabilities of the Marine Air Command and Control System (MACCS). Increment I of the CAC2S will be accomplished through a two phased approach. Phase 1 will address the requirements to establish the baseline CAC2S capabilities for the MACCS and improve AC2 performance and effectiveness. Phase 2 will address the requirements for remaining ACE Battle Management Command & Control (BMC2) requirements.		
E. Performance Metrics N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0206335M / Common Aviation Command and Control System (CAC2S)				Project (Number/Name) 3373 / Common Aviation Command and Control System (CAC2S)					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Phase 2 Product Development	WR	NSWC CD : Crane, In	0.000	-		1.031	Nov 2014	0.753	Nov 2015	-		0.753	0.896	2.680	-
Phase 2 Product Development	C/FPIF	General Dynamics : Pheonix, AZ	0.000	-		3.800	Nov 2014	-		-		-	16.544	20.344	59.922
Phase 2 Product Development	WR	NSWC DD : Dahlgren, VA	0.000	-		1.951	Nov 2014	0.422	Nov 2015	-		0.422	-	2.373	-
Subtotal			0.000	-		6.782		1.175		-		1.175	17.440	25.397	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Phase 2 Support	MIPR	AMSSA : Aberdeen, MD	0.000	-		0.501	Nov 2014	0.300	Nov 2015	-		0.300	0.238	1.039	-
Phase 2 Support	WR	SpaWar : Charleston, SC	0.000	-		0.250	Nov 2014	0.200	Nov 2015	-		0.200	0.350	0.800	-
Phase 2 Support	MIPR	JITC : Fort Huachuca, AZ	0.000	-		0.500	Apr 2015	0.300	Nov 2015	-		0.300	0.265	1.065	-
Phase 2 Support	Sub Allot	MCTSSA : Camp Pendleton, CA	0.000	-		0.170	Nov 2014	-		-		-	-	0.170	-
Phase 2 Support	WR	NSWC Corona : Corona, CA	0.000	-		0.376	Nov 2014	-		-		-	-	0.376	-
Phase 2 Support	Sub Allot	LogCom : Albany, GA	0.000	-		0.502	Nov 2014	0.219	Nov 2015	-		0.219	0.302	1.023	-
Phase 2 Support	C/FP	MCSC Safety : TBD	0.000	-		0.250	Nov 2014	0.175	Nov 2015	-		0.175	0.095	0.520	-
Phase 2 Support	Various	Travel : TBD	0.000	-		-		0.143	Oct 2015	-		0.143	Continuing	Continuing	Continuing
Subtotal			0.000	-		2.549		1.337		-		1.337	-	-	-

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Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Phase 2 Testing and Evaluation	WR	NSWC - Port Huenume : Port Huenume, CA	0.000	-		1.001	Nov 2014	0.750	Nov 2015	-		0.750	0.955	2.706	-
Phase 2 Testing and Evaluation	Sub Allot	MCOTEA : Quantico, VA	0.000	-		2.253	Nov 2014	1.200	Jan 2016	-		1.200	3.465	6.918	-
Phase 2 Testing and Evaluation	WR	MACCS - 2 : Cherry Point, NC	0.000	-		0.500	Nov 2014	0.261	Jan 2016	-		0.261	0.125	0.886	-
Phase 2 Testing and Evaluation	Sub Allot	MCTSSA : Camp Pendleton, CA	0.000	-		6.200	Jan 2015	0.876	Nov 2015	-		0.876	0.952	8.028	-
Phase 2 Testing and Evaluation	MIPR	NAWC AB : Patuxent River, MD	0.000	-		6.000	Nov 2014	1.863	Jan 2016	-		1.863	1.258	9.121	-
Phase 2 Testing and Evaluation	WR	NSWC CD : Crane, IN	0.000	-		4.426	Jan 2015	2.652	Nov 2015	-		2.652	7.445	14.523	-
Phase 2 Testing and Evaluation	MIPR	NSWC DD : Dahlgren, VA	0.000	-		-		1.351	Nov 2015	-		1.351	-	1.351	-
Subtotal			0.000	-		20.380		8.953		-		8.953	14.200	43.533	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Phase 2 Management Services	C/FFP	Get It Done (GID) Solutions LLC : Fredericksburg, VA	0.000	-		1.505	Apr 2015	0.980	Mar 2016	-		0.980	-	2.485	19,096.227
Phase 2 Management Services	C/FFP	MITRE : Bedford, MA	0.000	-		1.279	Oct 2014	0.986	Oct 2015	-		0.986	2.958	5.223	-
Subtotal			0.000	-		2.784		1.966		-		1.966	2.958	7.708	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		32.495		13.431		-		13.431	-	-	-

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	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract	
Remarks										

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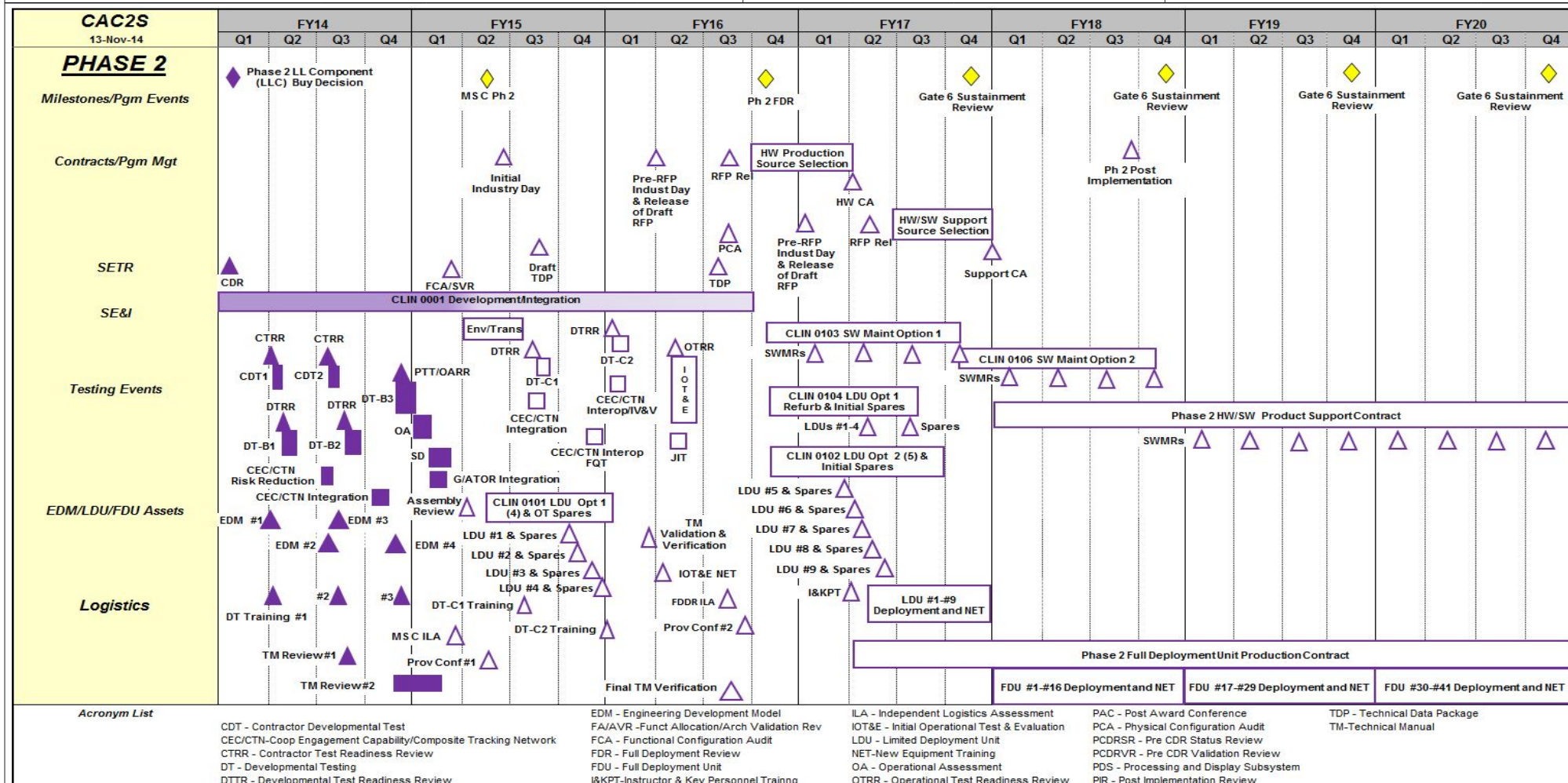
Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy

Date: February 2015

Appropriation/Budget Activity
1319 / 7

R-1 Program Element (Number/Name)
PE 0206335M / Common Aviation
Command and Control System (CAC2S)

Project (Number/Name)
3373 / Common Aviation Command and
Control System (CAC2S)



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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0206335M / <i>Common Aviation Command and Control System (CAC2S)</i>	Project (Number/Name) 3373 / <i>Common Aviation Command and Control System (CAC2S)</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3373				
CAC2S Schedule: CLIN 0001 Development/Integration	1	2014	3	2016
CAC2S Schedule: Critical Design Review	1	2014	1	2014
CAC2S Schedule: Developmental Test - B1	2	2014	2	2014
CAC2S Schedule: Developmental Test - B2	3	2014	3	2014
CAC2S Schedule: Developmental Test - B3	4	2014	4	2014
CAC2S Schedule: Operational Assessment	1	2015	1	2015
CAC2S Schedule: Milestone C	2	2015	2	2015
CAC2S Schedule: Coop Engagement Capability/Composite Tracking Network Certification and Interoperability Test	2	2015	2	2015
CAC2S Schedule: Limited Deployment Units (LDU) Build 1-4 (PMC BL 464400)	2	2015	1	2016
CAC2S Schedule: Developmental Test Readiness Review	3	2015	3	2015
CAC2S Schedule: Developmental Test - C1	3	2015	3	2015
CAC2S Schedule: Developmental Test - C2	1	2016	1	2016
CAC2S Schedule: Operational Test Readiness Review	2	2016	2	2016
CAC2S Schedule: Initial Operational Test and Evaluation	2	2016	2	2016
CAC2S Schedule: Full Deployment Review	4	2016	4	2016
CAC2S Schedule: Limited Deployment Units (LDU) Build 5-9 (PMC BL 464400)	4	2016	1	2017