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 0206625M *I USMC Intelligence/Electronics Warfare Sys*							
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	71.584	35.213	14.170	13.152	-	13.152	16.580	12.428	22.173	18.018	Continuing	Continuing
2272: *Intel Command and Control (C2) Sys*	71.584	35.213	14.170	13.152	-	13.152	16.580	12.428	22.173	18.018	Continuing	Continuing

Note

Joint Surveillance Target Attack Radar System (JSTARS) capability is subsumed by Distributed Common Ground/Surface System - Marine Corps (DCGS-MC) PE 0305208M in FY 2015.

A. Mission Description and Budget Item Justification

This Program Element (PE) includes funds for Intelligence Command and Control (C2) which supports the employment of reconnaissance, surveillance, and target acquisition resources and the timely planning and processing of all-source intelligence. It ensures that all-source tactical intelligence is tailored to meet specific mission requirements. The systems collect and convert raw intelligence data on the battlefield into processed information and deliver the processed products to the Intelligence Analysis Systems (IAS) for analysis and dissemination.

B. Program Change Summary ($ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	33.394	14.179	13.735	-	13.735
Current President's Budget	35.213	14.170	13.152	-	13.152
Total Adjustments	1.819	-0.009	-0.583	-	-0.583
• Congressional General Reductions	-	-0.009			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	1.819	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	-0.500	-	-0.500
• Rate/Misc Adjustments	-	-	-0.083	-	-0.083

Change Summary Explanation

The decrease of $0.583M in FY16 aligns funding profiles to the acquisition phase for the Intelligence Analysis System (IAS) and Counterintelligence (CI) and Human Intelligence (HUMINT) Equipment Program (CIHEP) programs, as well as other rate/miscellaneous adjustments. The decrease of $1.018M from FY15 to FY16 aligns funding to program schedules and reduces development of advanced SIGINT technology in the Tactical Signal Intelligence (SIGINT) Collection System (TSCS). It also reflects decreased efforts for Government Acceptance Testing and support of Engineering Change Proposals in SCI COMMS.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy											Date: February 2015	
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0206625M / *USMC Intelligence/ Electronics Warfare Sys*				Project (Number/Name) 2272 / *Intel Command and Control (C2) Sys*			
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**
2272: *Intel Command and Control (C2) Sys*	71.584	35.213	14.170	13.152	-	13.152	16.580	12.428	22.173	18.018	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Communication Emitter Sensing and Attacking System (CESAS) has the mission to disrupt, degrade or deny detected adversarial communication emitters. CESAS covers the High Frequency (HF), Very High Frequency (VHF) and Ultra High Frequency (UHF) frequency ranges against enemy emitters using modern modulation schemes. CESAS allows flexible employment to conduct Electronic Attack (EA) while on the move or in a stationary position, thus optimizing the Commanders' ability to employ this asset for the greatest success of the mission. Decrease of $5.686M from FY14 to FY15 due to completion of most Engineering and Manufacturing Development activities associated with the CESAS II development.

Counterintelligence (CI) and Human Intelligence (HUMINT) Equipment Program (CIHEP) provides the MAGTF with integrated, standardized, and interoperable information (automated data processing), communication, and specialized equipment to conduct the full spectrum of tactical CI/Force Protection to include Irregular Warfare, HUMINT, and technical collection operations. CIHEP provides each CI/HUMINT Company (CIHCo) with a suite of equipment comprised of commercial-off-the-shelf, government-off-the-shelf, and non-developmental items (COTS/GOTS/NDI). It integrates audio, video, imagery, communications, technical surveillance and computer equipment into lightweight, modular, scalable, deployable packages. CIHEP enhances the capability to collect, receive, process, and disseminate CI/HUMINT information from overt, sensitive, technical, tactical, and Force Protection, in the service, joint, and combined forces area of operations. The increase of $.5M from FY15 to FY16 reflects increased engineering and technical efforts inherent in activities prior to Full Rate Production decisions and Delivery/Fielding decisions, such as System Verification Reviews and Technical Engineering Reviews.

Intelligence Command and Control (C2) supports the employment of reconnaissance, surveillance, and target acquisition resources and the timely planning and processing of all-source intelligence. It ensures that all-source tactical intelligence is tailored to meet specific mission requirements. The systems below collect and convert raw intelligence data on the battlefield into processed information and deliver the processed products to the Intelligence Analysis Systems (IAS) for analysis and dissemination.

Intelligence Analysis System, Family of Systems (IAS FoS) provides timely planning and all source fusion, analysis, and dissemination of intelligence across the Intelligence Community of the Marine Air-Ground Task Force (MAGTF). IAS FoS is a scalable system that supports all missions, and provides a tactical intelligence capability tailored to meet specific mission requirements. Advanced analytics provides improved linking of structured and unstructured data sources, data and information discovery, and improved interoperability of data and exchange amongst the existing toolset applications. Funding allows the IAS FoS to stay up-to-date with current technology (COTS/GOTS) that allows an increase in response time of intelligence analysis process, better quality intelligence products, and timely dissemination for units in all deployed environments. $553K increase from FY15 to FY16 supports integration, system testing, and evaluation of advanced analytic technologies into the Intelligence Analysis System (IAS) Family of Systems (FoS).

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/ Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

Intelligence Broadcast Receiver (IBR) family conforms to the DoD Integrated Broadcast Service (IBS) objectives of interoperability and commonality across the Services to receive and process near real-time intelligence data. The Universal Serial Bus (USB) Embedded National Tactical Receiver (ENTR) system, the newest component of the IBR family, is an integral portion of 7 Programs of Record, providing a significant reduction in size and weight. The USB ENTR provides access to IBS data via Ultra High Frequency (UHF) Satellite Communications (SATCOM) broadcast channels delivering near real-time intelligence information within Combatant Commanders theater of operation allowing intelligence analysis to respond to accelerated operations cycles.

Intelligence Equipment Readiness (IER) supports rapid prototyping and integration of emerging technologies involving national systems data. IER provides a responsive capability to alleviate Marine Corps intelligence systems shortfalls created by rapidly evolving technology, missions and threats. The program provides for rapid technology insertion, training and logistics, and the time sensitive intelligence infrastructure requirements of Marine Corps Operating Forces and the theater and service intelligence organizations supporting those forces. IER addresses requirements that span the entire Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISR-E).

Joint Surveillance Target Attack Radar (JSTARS) receives near-real-time Moving Target Indicator and Synthetic Aperture Radar (SAR) data from the JSTARS E-8C aircraft. JSTARS Common Ground Stations (CGS) and Joint Service Workstations (JSWS) process, display, exploit and support evaluation of information received. In FY15 JSTARS will be subsumed into DCGS-MC (PE 0305208M).

MAGTF Secondary Imagery Dissemination System (MSIDS) Family of Systems (FoS) provides organic tactical digital imagery collection, transmission and receiving capability to the MAGTF Commander. MSIDS is comprised of components necessary to enable Marines to capture, manipulate, annotate, transmit and receive images in Near Real Time (NRT), internally with subordinate commands that are widely separated throughout the areas of operation and externally with higher and adjacent commands. MSIDS capability resides with the MAGTF G/S-2 sections and Ground Reconnaissance Battalions, Light Armored Reconnaissance Battalions, Infantry Battalion Scout Sniper Platoons and Marine Corps Forces Special Operations Command. The MSIDS FoS extends the digital imaging capability to all echelons within the Marine Expeditionary Force (MEF), down to and including battalions and squadrons. Captured images are capable of being forwarded throughout the MAGTF through the use of Base Station Workstation/Communication Interface (BW/CI), Out Station Workstation/Communication Interface (OW/CI) or existing C4ISR architecture. Images can also be transmitted to the Tactical Exploitation Group (TEG) for more detailed processing and analysis. The Video Exploitation Workstation (VEW) is used to import, manipulate, annotate still and video imager, create intelligence products, lift still frames from video, view multi-format TV signals and provide a field briefing capability.

Sensitive Compartmented Information Communications (SCI COMMS) - is a Super-High Frequency (SHF) multi-band satellite communications terminal, available in a transit case configuration that provides dedicated tactical communications capability at the Top Secret/Sensitive Compartmented Information (TS/SCI) and Secret Collateral levels to USMC intelligence units. TROJAN SPIRIT terminals provide connectivity into Joint Worldwide Intelligence Communications System (JWICS), National Security Agency Network (NSANET) and Secret Internet Protocol Router Network (SIPRNET) via the TROJAN Network Control Center. Funding supports research, development and testing of incremental product improvements, product interoperability and accreditation for Top Secret/Sensitive Compartmented Information (TS/SCI) connectivity. Decrease of $0.448M from FY14 to FY15 represents accelerated procurement of required test articles in FY14 on an existing Small Business Innovation Research (SBIR) contract. Decrease of $0.462M from FY15 to FY16 reflects decreased efforts for Government Acceptance Testing and support of Engineering Change Proposals.

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Tactical Exploitation of National Capabilities (TENCAP) exploits current national reconnaissance systems and programs by examining both technical and operational capabilities, implementing training, and sponsoring concept demonstrations to directly support Marine Corps operating forces. The goal is to pursue technologies which exploit data from national systems to enhance intelligence support to the Marine Air-Ground Task Force (MAGTF) and/or the supported Joint Task Force commander. The increase of $0.407M from FY15 to FY16 reflects increased engineering and technical efforts to develop and transition national capabilities to the tactical user.

Tactical Remote Sensor Systems (TRSS) provides all weather direction, location determination, targeting, and tactical indications and warning of enemy activity in the Marine Air-Ground Task Force (MAGTF) Commander's Area of Interest. TRSS is an equipment suite consisting of three primary sub-systems: Unattended Ground Sensors (UGS); Relay Systems; and monitoring systems. The sensor systems include seismic/acoustic sensors, electro-magnetic sensors, and infrared (passive) sensors. The relay systems include SATCOM retransmission systems. The monitoring system includes the Sensor Monitoring imaging sensors group and Hand-Held Monitors (HHM). The composition of the three sub-systems are comprised of several individual components. Upgrading individual components will occur on an as needed basis. TRSS 6.0 development improves the TRSS sensor management software in order to integrate TRSS sensor systems with theater-provided-equipment sensor systems and improve system interoperability.

Tactical Signal Intelligence (SIGINT) Collection System (TSCS): TSCS incorporates Team Portable Collection System (TPCS) and Radio Reconnaissance Equipment Program (RREP) into a single effort beginning in FY14. It provides modular, lightweight and team/man transportable/portable systems and components which provide signal intercept, collection, Direction-Finding (DF), reporting and collection management capability to MAGTF Commander. It provides the MAGTF Commander with a modular and scalable carry on/carry off suite of equipment which exploits information from more technically advanced target sets. TSCS uses rapid technology insertion processes and procedures to incorporate advanced SIGINT technology to allow the MAGTF Commander to maintain technological superiority. The decrease of $2.047M from FY15 to FY16 represents reduced development of advanced SIGINT technology.

Technical Control Analysis Center (TCAC), consisting of the AN/UYQ-83 TCAC Remote Analysis Workstation (RAWS), AN/MYQ-9 TCAC Transportable Workstation, Multi-Level Security (MLS)/Cross Domain Solution (CDS) and the One Roof system, is the focal point of Radio Battalions (RADBN), Marine Corps Forces Special Operations Command (MARFORSOC), and Fixed Wing Marine Electronic Attack Squadron (VMAQ) Signals Intelligence (SIGINT) operations. TCAC automatically collects, stores, retrieves and plays back digital audio signals; fuses and analyzes SIGINT data from tactical, theater and national collectors and databases for dissemination to tactical commanders. TCAC provides SIGINT analysis applications to deployable Marine Air-Ground Task Force (MAGTF) units capable of directing and managing the technical and operational functions of other RADBN SIGINT/Electronic Warfare (EW) assets. TCAC provides termination of national, theater and tactical data networks for data exchange with the tactical SIGINT/EW assets, the Intelligence Analysis System (IAS), national databases, and provides USMC tactical SIGINT collection and analytical data into the Real-Time Regional Gateway (RTRG) and Distributed Common Ground System - Marine Corps (DCGS-MC).

Wide Field of View Persistent Surveillance (WFVPS) is a Marine Corps UUNS (10-335UA) in response to a CENTCOM JUONS (CC-0424) call for a Wide Area Staring Sensor on-board an organic USMC small UAV supporting operations in Afghanistan. There is no additional funding for the WFVPS program beyond FY14.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
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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: *Communication Emitter Sensing and Attacking System (CESAS): Product Development	4.481	0.425	0.450	-	0.450
Articles:	3	-	-	-	-
FY 2014 Accomplishments: -Continued development of CESAS II. Accepted, integrated and built three Engineering Development Models. -Conducted Non Developmental Item Integration Review and Test Readiness Review (Systems Engineering Technical Review events). After successful testing, conducted planning for Systems Verification Review in preparation for Milestone C. ***FY 2015 Plans:*** Complete development of CESAS II. ***FY 2016 Base Plans:*** Development of required modifications for CESAS II. ***FY 2016 OCO Plans:*** N/A					
Title: *Communication Emitter Sensing and Attacking System (CESAS): Test and Evaluation	1.598	0.051	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: - Initiated CESAS II developmental test and evaluation. - Conducted two phase development and environmental tests. ***FY 2015 Plans:*** Complete CESAS II developmental test and evaluation. ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Title: *Communication Emitter Sensing and Attacking System (CESAS): Support	0.107	0.024	0.050	-	0.050
Articles:	-	-	-	-	-
FY 2014 Accomplishments:					

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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
Continued program support for Milestone C including all acquisition documentation requirements such as Clinger Cohen Act, Acquisition Strategy and Integrated Master Schedule, production and sustainment planning. ***FY 2015 Plans:*** Continue to provide program support for CESAS II. ***FY 2016 Base Plans:*** Continue to provide program support for required modifications to CESAS II. ***FY 2016 OCO Plans:*** N/A					
Title: *Counterintel and Human Intel Equip (CIHEP): Support - Engineering and Technical	0.191	-	0.500	-	0.500
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continued the engineering, integration and technical support for planned refresh of CIHEP hardware and software. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** -Initiate and provide interoperability between refreshed CIHEP Family of Systems components. -Continue engineering, integration and technical support required for planned CIHEP hardware and software refresh. ***FY 2016 OCO Plans:*** N/A					
Title: *Intelligence Analysis System (IAS): Product Development	1.571	1.340	1.791	-	1.791
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated integration, system testing and evaluation of advanced analytic technologies into the Intelligence Analysis System (IAS) Family of Systems (FoS). ***FY 2015 Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
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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
-Continue integration, system testing, and evaluation of advanced analytic technologies into the Intelligence Analysis System (IAS) Family of Systems (FoS). -Initiate market research, evaluation and development of advanced analytics for transition into the IAS FoS. ***FY 2016 Base Plans:*** -Continue integration, system testing, and evaluation of advanced analytic technologies into the Intelligence Analysis System (IAS) Family of Systems (FoS). -Continue market research, evaluation and development of advanced analytics for transition into the IAS FoS. ***FY 2016 OCO Plans:*** N/A					
Title: *Intelligence Analysis System (IAS): Support	2.033	0.900	1.002	-	1.002
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continued program management support for integration of advanced analytics tools into the IAS FoS software baseline. ***FY 2015 Plans:*** Continue program management support for integration of advanced analytics tools into the IAS FoS software baseline. ***FY 2016 Base Plans:*** Continue program management support for integration of advanced analytics tools into the IAS FoS software baseline. ***FY 2016 OCO Plans:*** N/A					
Title: *Intelligence Broadcast Receiver (IBR): Support - Engineering and Technical	0.961	0.100	0.100	-	0.100
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated interoperability software certification for Tactical Receive Segment (TRS) and Universal Serial Bus (USB) Embedded National Tactical Receiver (ENTR) firmware update. ***FY 2015 Plans:***					

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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
Continue the interoperability software certification for Tactical Receive Segment (TRS). ***FY 2016 Base Plans:*** Continue required recurring interoperability software certification for Tactical Receive Segment (TRS). ***FY 2016 OCO Plans:*** N/A					
Title: *Intelligence Equipment Readiness (IER): Product Development	0.411	-	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Completed integration of autotracker capability and functionality into DCGS-MC software baseline. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Title: *Joint Surveillance Target Attack Radar System (JSTARS): Product Development	2.316	-	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated integration of next generation Ground Moving Target Indicator (GMTI) exploitation system. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Title: *Joint Surveillance Target Attack Radar System (JSTARS): Test and Evaluation	1.154	-	-	-	-
Articles:	-	-	-	-	-

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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
FY 2014 Accomplishments: Continued Test and evaluation support for the next generation GMTI exploitation system. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Title: *MAGTF Secondary Imagery Dissemination System (MSIDS): Support - Engineering and Technical	0.388	-	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continued technical and engineering support required for the hardware and software refresh. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Title: *SCI COMMS: Support - Engineering and Technical Support	1.109	0.661	0.199	-	0.199
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated test and evaluation of SCI COMMS High Bandwidth Special Intelligence-Palletized Terminal (HBSI-PT) to include Bandwidth in order to test for interoperability and accreditation for Top Secret/Sensitive Compartmented Information (TS/SCI) connectivity with the TROJAN Network Center. ***FY 2015 Plans:***					

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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
Initiate engineering analysis and technical evaluation to identify and provide recommendations for resolution of critical technical, test and evaluation, and technology issues. ***FY 2016 Base Plans:*** Initiate and support Government Acceptance Testing (GAT). Support Engineering Change Proposals (ECP) for the Sensitive Compartmented Information Kit (SCIK) network refresh planned for FY 2017. ***FY 2016 OCO Plans:*** N/A					
Title: *Tactical Exploitation of National Capabilities (TENCAP): Product Development	0.629	1.225	1.356	-	1.356
Articles:	-	-	-	-	-
FY 2014 Accomplishments: -Continued to provide program management and support for the evaluation of innovative intelligence community and national intelligence systems applicability to the operating forces. -Conducted technical assessments and field utility evaluations for the integration of current and emerging intelligence capabilities into the tactical decision making process. -Continued to support operational planning and enhance operating force capabilities through development of advanced technologies for the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE) architecture. -Continued training and education efforts by providing the operating forces with supported simulation, visualization, and improved mission planning capabilities. -Continued to support the congressionally mandated TENCAP office and ongoing activities. ***FY 2015 Plans:*** -Continue support to program management of the Marine Corps TENCAP program for the evaluation of innovative intelligence community and national intelligence systems applicability to the operating forces. -Initiate providing subject matter experts and project management support for the execution of technical assessments and field utility evaluations for the integration of current and emerging intelligence capabilities into the tactical decision making process. -Continue to support operational planning and enhance operating force capabilities through the identification and development of advanced technologies for the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE) architecture. -Continue training and education efforts by providing the operating forces with supported simulation, visualization, and improved mission planning capabilities.					

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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
-Continue to support the congressionally mandated TENCAP office and all associated ongoing activities, to include the interactions with national agencies, the intelligence community, research laboratories, private industry, and academia. ***FY 2016 Base Plans:*** -Continue support to program management of the Marine Corps TENCAP program for the evaluation of innovative intelligence community and national intelligence systems applicability to the operating forces. -Continue to provide subject matter experts and project management support for the execution of technical assessments and field utility evaluations for the integration of current and emerging intelligence capabilities into the tactical decision making process. -Continue to support operational planning and enhance operating force capabilities through the identification and development of advanced technologies for the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE) architecture. -Continue training and education efforts by providing the operating forces with supported simulation, visualization, and improved mission planning capabilities. -Continue to support the congressionally mandated TENCAP office and all associated ongoing activities, to include the interactions with national agencies, the intelligence community, research laboratories, private industry, and academia. ***FY 2016 OCO Plans:*** N/A					
Title: *Tactical Exploitation of National Capabilities (TENCAP): Technical Assessments	3.502	2.900	3.176	-	3.176
Articles:	-	-	-	-	-
FY 2014 Accomplishments: -Continued conducting research and development, advanced technology demonstrations, and integration of emerging technologies into Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE). -Continued conducting technical assessments and field utility evaluations of innovative capabilities for evaluating insertion into the MCISRE. -Continued coordinating with services, national agencies, laboratories, industry, and academia for exploration of collaborative S&T/R&D efforts to integrate intelligence capabilities into existing and future operating force systems and architectures. ***FY 2015 Plans:***					

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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
-Continue the evaluation and assessment of emerging intelligence technologies for applicability to USMC needs and requirements. -Continue to conduct technical assessments and field utility evaluations of innovative capabilities for evaluating insertion into the MCISRE. -Continue to conduct research and development, advanced technology demonstrations, and integration of emerging technologies into the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE). -Continue coordination with services, national agencies, laboratories, industry, and academia for exploration of collaborative S&T/R&D efforts to integrate intelligence capabilities into existing and future operating force systems and architectures. ***FY 2016 Base Plans:*** -Continue to evaluate and assesses emerging intelligence technologies for applicability to USMC needs and requirements. -Continue to conduct technical assessments and field utility evaluations of innovative capabilities for evaluating insertion into the MCISRE. -Continue to conduct research and development, advanced technology demonstrations, and integration of emerging technologies into the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE). -Continue to coordinate with services, national agencies, laboratories, industry, and academia for exploration of collaborative S&T/R&D efforts to integrate intelligence capabilities into existing and future operating force systems and architectures. ***FY 2016 OCO Plans:*** N/A					
Title: *Tactical Remote Sensor System (TRSS): Product Development - CSR Integration	1.762	-	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continued TRSS Common Sensor Radio (CSR) modernization initiative to standardize communication. This modernization effort was required to develop critical upgrades to TRSS systems to improve the sensor systems. ***FY 2015 Plans:***					

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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
N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Title: *Tactical Remote Sensor System (TRSS): Test and Evaluation - IOT&E ***Articles:*** ***FY 2014 Accomplishments:*** Continued test and evaluation events/IOT&E for the TRSS Common Sensor Radio (CSR) baseline. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A	0.417 -	- -	- -	- -	- -
Title: *Tactical Remote Sensor System (TRSS): Support - Engineering and Technical ***Articles:*** ***FY 2014 Accomplishments:*** Continued engineering and technical management support required for developing critical upgrades to TRSS systems. The TRSS modernization initiative will standardize communication and interoperability with other military equipment/sensor systems currently in use and being developed. ***FY 2015 Plans:*** Continue the engineering and technical management support required for developing critical upgrades to TRSS systems. ***FY 2016 Base Plans:*** Continue engineering and technical management support required for developing critical upgrades to TRSS systems. ***FY 2016 OCO Plans:***	0.996 -	0.100 -	0.100 -	- -	0.100 -

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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
N/A					
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Product Development	2.269	1.739	0.397	-	0.397
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated development of TPCS Modular Case technology insertions and RREP Refresh of Direction Finding, Basic Collection, and Tactical workstation. TPCS and RREP are subsumed into the TSCS line in FY14. ***FY 2015 Plans:*** Continue development of TPCS and RREP technology refresh and technology insertions to support additional signals of interest. ***FY 2016 Base Plans:*** Continue development for ongoing TPCS and RREP technology refresh and technology insertions as well as potential engineering changes. ***FY 2016 OCO Plans:*** N/A					
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Test and Evaluation	0.719	0.609	0.100	-	0.100
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated test and evaluation of TPCS Modular Case technology insertions and RREP Refresh of Direction Finding, Basic Collection, and Tactical workstation. TPCS and RREP are subsumed into the TSCS line in FY14. ***FY 2015 Plans:*** Continue test and evaluation efforts for TPCS and RREP technology refresh and technology insertions to support additional signals of interest. ***FY 2016 Base Plans:***					

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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
Continue test and evaluation efforts for ongoing TPCS and RREP technology refresh and technology insertions as well as potential engineering changes. ***FY 2016 OCO Plans:*** N/A					
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Support	2.254	0.609	0.413	-	0.413
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated program support and management for TPCS technology insertions to support additional signals of interest, RREP technology refresh of Advanced Collection kit and workstation. TPCS and RREP are subsumed into the TSCS line in FY14. ***FY 2015 Plans:*** Continue to provide program support and management for TPCS and RREP technology refresh and technology insertions to support additional signals of interest. ***FY 2016 Base Plans:*** Continue to provide program support and management for ongoing TPCS and RREP technology refresh and technology insertions as well as potential engineering changes. ***FY 2016 OCO Plans:*** N/A					
Title: *Technical Control and Analysis Center (TCAC): Product Development	4.249	1.760	1.848	-	1.848
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Initiated integration of TCAC Cyber Analysis tools and Cross Domain Solution into the TCAC Family of Systems (FoS). ***FY 2015 Plans:*** Continue integration, testing, and selection of next generation TCAC analysis tools and hardware components such as the Remote Analysis Work Station (RAWS) and Cross Domain Solution (CDS) into the TCAC FoS. ***FY 2016 Base Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
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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
Continue integration and testing of next generation TCAC analysis tools and hardware components such as the Transportable Workstation (TWS) and Real Time Regional Gateway (RTRG) Expeditionary nodes into the TCAC FoS. ***FY 2016 OCO Plans:*** N/A					
Title: *Technical Control and Analysis Center (TCAC): Support	2.095	1.727	1.670	-	1.670
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Continued technical support for the Integration of Cyber Analysis Tools into the TCAC FoS. ***FY 2015 Plans:*** Continue technical support for integration of next generation TCAC analysis tools and hardware components such as the RAWS and CDS into the TCAC FoS. ***FY 2016 Base Plans:*** Continue technical support for integration of next generation TCAC analysis tools and hardware components such as the TWS and RTRG Expeditionary nodes into the TCAC FoS. ***FY 2016 OCO Plans:*** N/A					
Title: *Wide Field of View Persistent Surveillance (WFVPS): Product Development	0.001	-	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Completed program close-out. ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	35.213	14.170	13.152	-	13.152

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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
• PMC/474703: *TCAC*	0.801	12.226	10.999	-	10.999	4.934	1.840	6.393	6.521	Continuing	Continuing
• PMC/474717: *MSIDS*	1.635	-	-	-	-	-	-	-	-	Continuing	Continuing
• PMC/474719: *JSTARS*	1.881	-	-	-	-	-	-	-	-	-	5.938
• PMC/474761: *IAS*	27.840	10.122	5.603	-	5.603	21.633	1.939	9.725	9.929	Continuing	Continuing
• PMC/700000: *IAS SPARES*	0.100	0.101	0.101	-	0.101	0.155	0.158	0.160	0.164	Continuing	Continuing
• PMC/700004: *SCI COMMS SPARES*	0.100	0.700	-	-	-	-	-	-	-	-	0.800
• PMC/474709: *CIHEP*	0.095	5.582	5.211	-	5.211	5.247	-	1.031	1.052	Continuing	Continuing
• PMC/474702: *TSCS*	14.145	0.468	1.462	-	1.462	6.090	0.218	5.658	5.771	Continuing	Continuing
• PMC/474701: *CESAS*	0.023	3.230	0.701	-	0.701	2.253	-	-	-	Continuing	Continuing
• PMC/474700: *SCI COMMS*	11.660	2.230	1.500	-	1.500	0.200	0.235	0.239	0.244	Continuing	Continuing
• PMC/474704: *TRSS*	2.276	-	-	-	-	0.036	-	0.034	-	Continuing	Continuing
• PMC/700003: *TRSS SPARES*	0.122	0.100	0.100	-	0.100	0.064	-	0.066	0.002	Continuing	Continuing
• PMC/700005: *MSIDS SPARES*	0.188	0.100	0.100	-	0.100	0.100	0.100	0.100	0.102	Continuing	Continuing
• PMC/474732: *IER*	2.005	-	-	-	-	-	-	0.041	-	-	2.046
• PMC/474752: *IBR*	0.888	0.100	0.053	-	0.053	0.024	0.028	0.026	0.027	Continuing	Continuing

Remarks

Tactical Signal Intelligence (SIGINT) Collection System (TSCS)(MCPC 120514) incorporates Team Portable Collection System (TPCS)(MCPC 121498) and Radio Reconnaissance Equipment Program (RREP)(MCPC 122498) into a single program beginning in FY 2014.

D. Acquisition Strategy

(U) SCI COMMS: Transitions the USMC TROJAN SPIRIT systems to the High Bandwidth Special Intelligence Palletized Terminal (HBSI-PT). The palletized system enables global access to tactical, theater, and national intelligence data stores facilitating functions, which include tasking, reporting, and dissemination by elements ranging from Ground Combat Elements to a Marine Expeditionary Force Command Element.

(U) TCAC: The acquisition of components for the TCAC will maximize the use of existing equipment, NDI/COTS/GFE equipment/software.

(U) JSTARS: JSTARS will use ongoing Distributed Common Ground System - Marine Corps (DCGS-MC) contracts for continued development of a future Ground Moving Target Indicator (GMTI) capability.

(U) TRSS: TRSS makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

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(U) TPCS: TPCS will make incremental improvements through maximum use of COTS, GOTS and NDI with Firm Fixed Price production.

(U) WFVPS: FY14 program close-out.

(U) MSIDS: MSIDS makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

(U) IER: IER makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

(U) IAS: IAS makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

(U) RREP: RREP makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

(U) CIHEP: CIHEP makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

(U) IBR: IBR software upgrades are developed at Naval laboratories and integrated into the system.

(U) TENCAP: All work will be led in-house and necessary contractor support will be acquired using existing contracts. Research, test and integrate new technology and conduct advanced technology demonstrations to identify the most appropriate programs which are mature for integration of emerging technologies into the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISR-E).

(U) CESAS: CESAS II development will consist of COTS and NDI integration into an existing GOTS architecture. Integration efforts will be conducted at Naval laboratories.

(U) Tactical Signal Intelligence (SIGINT) Collection System (TSCS): TSCS makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

E. Performance Metrics

N/A

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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Years Cummulative Funding	Various	Various : Various	14.233	-		-		-		-		-	-	14.233	-
CESAS	WR	SPAWAR : CHARLESTON, SC	0.289	1.224	Nov 2013	0.225	Nov 2014	0.450	Nov 2015	-		0.450	-	2.188	-
CESAS	C/FFP	SPAWAR8 : CHARLESTON, SC	1.238	1.004	Jun 2014	0.200	Nov 2014	-		-		-	-	2.442	-
CESAS	WR	NAWC : PT MUGU, CA	1.188	1.793	Dec 2013	-		-		-		-	-	2.981	-
CESAS	WR	NSWC : CRANE, IN	0.140	0.094	Dec 2013	-		-		-		-	-	0.234	-
CESAS	C/CPFF	NSMA : WASHINGTON, DC	0.000	0.366	Mar 2014	-		-		-		-	-	0.366	-
IAS	WR	SPAWAR3 : CHARLESTON, SC	4.322	1.571	May 2014	1.340	Jan 2015	1.791	Jan 2016	-		1.791	Continuing	Continuing	Continuing
IER	Various	VARIOUS : VARIOUS	2.593	0.411	Mar 2014	-		-		-		-	-	3.004	-
JSTARS	C/FFP	NRL : WASHINGTON, DC	0.000	2.316	Jan 2014	-		-		-		-	-	2.316	-
TENCAP	C/CPFF	MANTECH : STAFFORD, VA	0.000	0.629	Jan 2014	-		-		-		-	-	0.629	-
TENCAP	Various	Various : Various	0.000	2.697	Feb 2014	3.420	Nov 2014	3.827	Nov 2015	-		3.827	-	9.944	-
TENCAP	WR	SPAWAR : CHARLESTON, SC	0.000	0.605	Nov 2013	0.505	Nov 2014	0.505	Nov 2015	-		0.505	Continuing	Continuing	Continuing
TENCAP	FFRDC	MITRE : STAFFORD, VA	0.000	0.200	Apr 2014	0.200	Apr 2015	0.200	Apr 2016	-		0.200	Continuing	Continuing	Continuing
TRSS	WR	SPAWAR7 : CHARLESTON, SC	0.702	1.762	Jan 2014	-		-		-		-	-	2.464	-
TSCS	WR	SPAWAR : CHARLESTON, SC	0.000	1.593	Nov 2013	1.739	Jan 2015	0.397	Nov 2015	-		0.397	-	3.729	-
TSCS	C/CPFF	SPAWAR77 : CHARLESTON, SC	0.000	0.676	Jun 2014	-		-		-		-	-	0.676	-
TCAC	C/CPFF	SPAWAR2 : Charleston, SC	0.000	-		0.880	Jan 2015	0.968	Jan 2016	-		0.968	-	1.848	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy			Date: February 2015
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
TCAC	WR	SPAWAR8 : San Diego, CA	1.667	4.249	Jan 2014	0.880	Jan 2015	0.880	Jan 2016	-		0.880	Continuing	Continuing	Continuing
WFVPS	C/CPFF	NRL : WASHINGTON, DC	0.280	0.001	Mar 2014	-		-		-		-	-	0.281	-
		Subtotal	26.652	21.191		9.389		9.018		-		9.018	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CESAS	Various	MCSC : QUANTICO, VA	0.023	0.107	Sep 2014	0.024	Sep 2015	0.050	Sep 2016	-		0.050	-	0.204	-
CIHEP	WR	SPAWAR : CHARLESTON, SC	0.538	0.191	Jan 2014	-		0.500	Nov 2015	-		0.500	-	1.229	-
IAS	C/CPFF	SPAWAR-A : CHARLESTON, SC	13.468	2.033	Jan 2014	0.900	Jan 2015	1.002	Nov 2015	-		1.002	Continuing	Continuing	Continuing
IBR	WR	NSWC : CRANE, IN	0.167	0.450	Dec 2013	0.100	Jan 2015	0.100	Nov 2015	-		0.100	-	0.817	-
IBR	Various	VARIOUS : VARIOUS	0.000	0.511	Dec 2013	-		-		-		-	-	0.511	-
MSIDS	WR	SPAWAR-A1 : CHARLESTON, SC	0.000	0.388	Feb 2014	-		-		-		-	-	0.388	-
SCI COMMS	MIPR	US Army : Aberdeen, MD	0.000	0.529	Jun 2014	-		-		-		-	-	0.529	-
SCI COMMS	C/FFP	SSC LANT1 : Charleston, SC	0.166	0.242	Feb 2014	0.191	Jun 2015	-		-		-	-	0.599	-
SCI COMMS	MIPR	US Army, MITRE : Stafford, VA	0.160	0.188	Apr 2014	0.370	Mar 2015	-		-		-	-	0.718	-
SCI COMMS	C/FFP	MCSC : Quantico, VA	0.134	-		0.100	Jun 2015	-		-		-	-	0.234	-
SCI COMMS	WR	SSC LANT : Charleston, SC	0.000	0.150	Apr 2014	-		0.199	Jun 2016	-		0.199	-	0.349	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy		Date: February 2015
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Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
TRSS	C/FFP	SPAWAR-A : CHARLESTON, SC	0.000	0.996	Apr 2014	-		-		-		-	-	0.996	-
TRSS	WR	SPAWAR-A2 : CHARLESTON SC	0.000	-		0.100	Nov 2014	0.100	Nov 2015	-		0.100	-	0.200	-
TSCS	WR	SPAWAR : CHARLESTON, SC	0.000	1.607	Nov 2013	-		-		-		-	-	1.607	-
TSCS	C/FFP	MCSC7 : QUANTICO, VA	0.000	0.577	Mar 2014	0.265	Mar 2015	0.403	Mar 2016	-		0.403	-	1.245	-
TSCS	Various	MCSC : QUANTICO, VA	0.000	0.070	Sep 2014	0.032	Sep 2015	0.010	Sep 2016	-		0.010	-	0.112	-
TSCS	C/FFP	MCSC8 : QUANTICO, VA	0.000	-		0.312	Jul 2015	-		-		-	Continuing	Continuing	Continuing
TCAC	C/FFP	MCSC : Quantico, Va	0.000	0.611	Jan 2014	-		-		-		-	-	0.611	-
TCAC	TBD	SPAWAR-P : San Diego, CA	0.797	1.484	May 2014	1.287	Jan 2015	1.187	Jan 2016	-		1.187	Continuing	Continuing	Continuing
TCAC	C/CPFF	SPAWAR-A : CHARLESTON, SC	0.382	-		0.440	Jan 2015	0.483	Jan 2016	-		0.483	Continuing	Continuing	Continuing
Prior Years Cumulative Funding	Various	Various : Various	22.285	-		-		-		-		-	-	22.285	-
		Subtotal	38.120	10.134		4.121		4.034		-		4.034	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CESAS	WR	SPAWAR : CHARLESTON, SC	0.000	1.023	Nov 2013	0.051	Nov 2014	-		-		-	-	1.074	-
CESAS	WR	NAWC : PT MUGU, CA	0.000	0.575	Dec 2013	-		-		-		-	-	0.575	-
JSTARS	C/FFP	NRL : WASHINGTON, DC	0.270	1.154	Jul 2014	-		-		-		-	-	1.424	-

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Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
TRSS	WR	SPAWAR-A1 : CHARLESTON, SC	0.000	0.417	Mar 2014	-		-		-		-	-	0.417	-
TSCS	WR	SPAWAR : CHARLESTON, SC	0.000	0.719	Nov 2013	0.609	Jan 2015	0.100	Nov 2015	-		0.100	-	1.428	-
Prior Years Cumulative Funding	Various	Various : Various	6.542	-		-		-		-		-	-	6.542	-
		Subtotal	6.812	3.888		0.660		0.100		-		0.100	-	11.460	-

	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	71.584	35.213		14.170		13.152		-		13.152	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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CESAS II Program Schedule

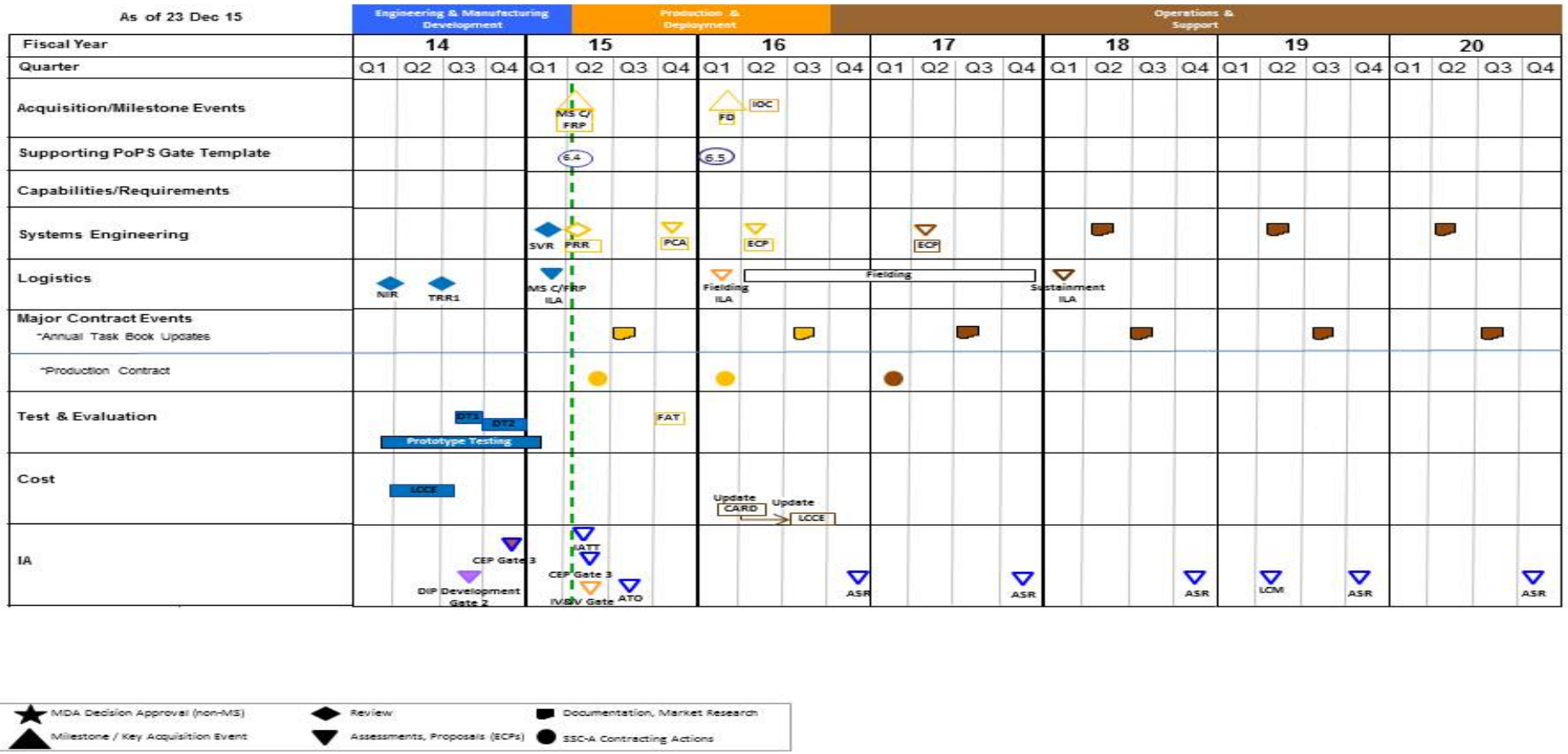

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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RREP Program Schedule

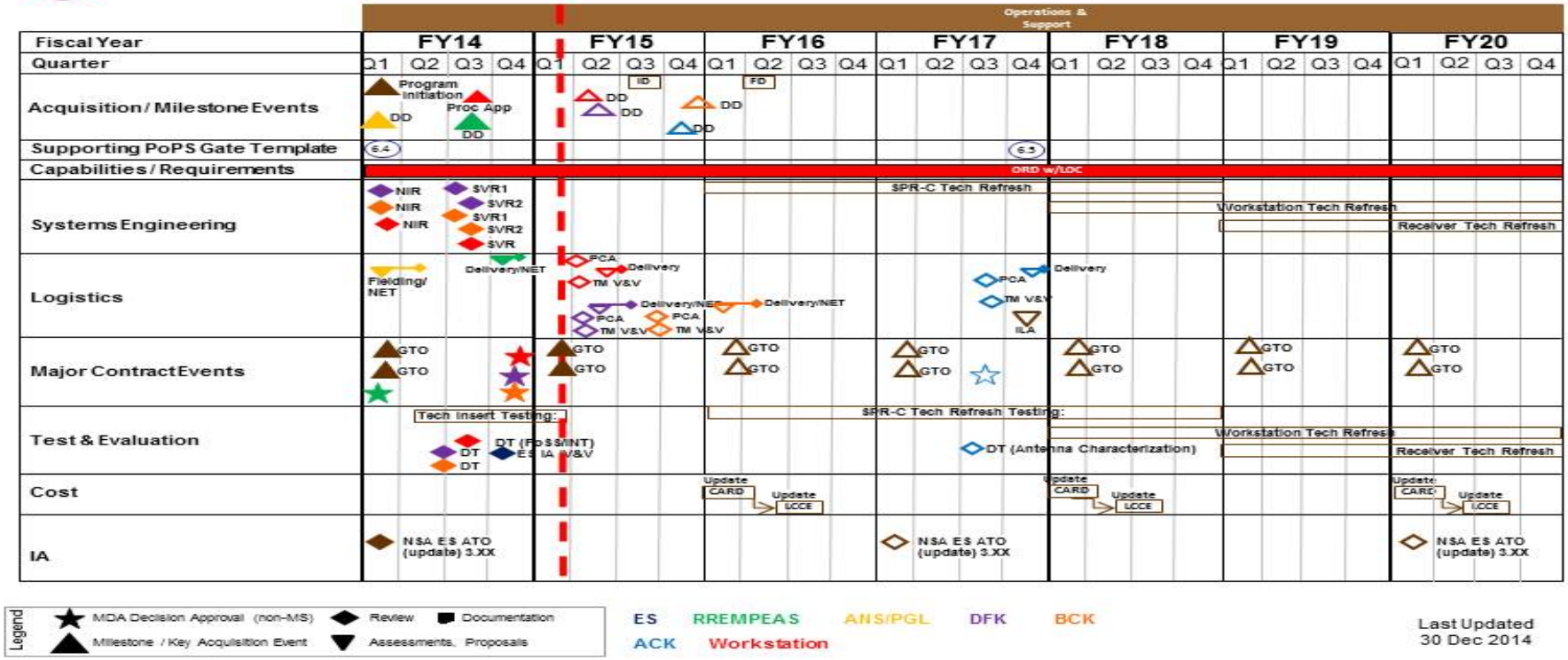

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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TPCS Program Schedule

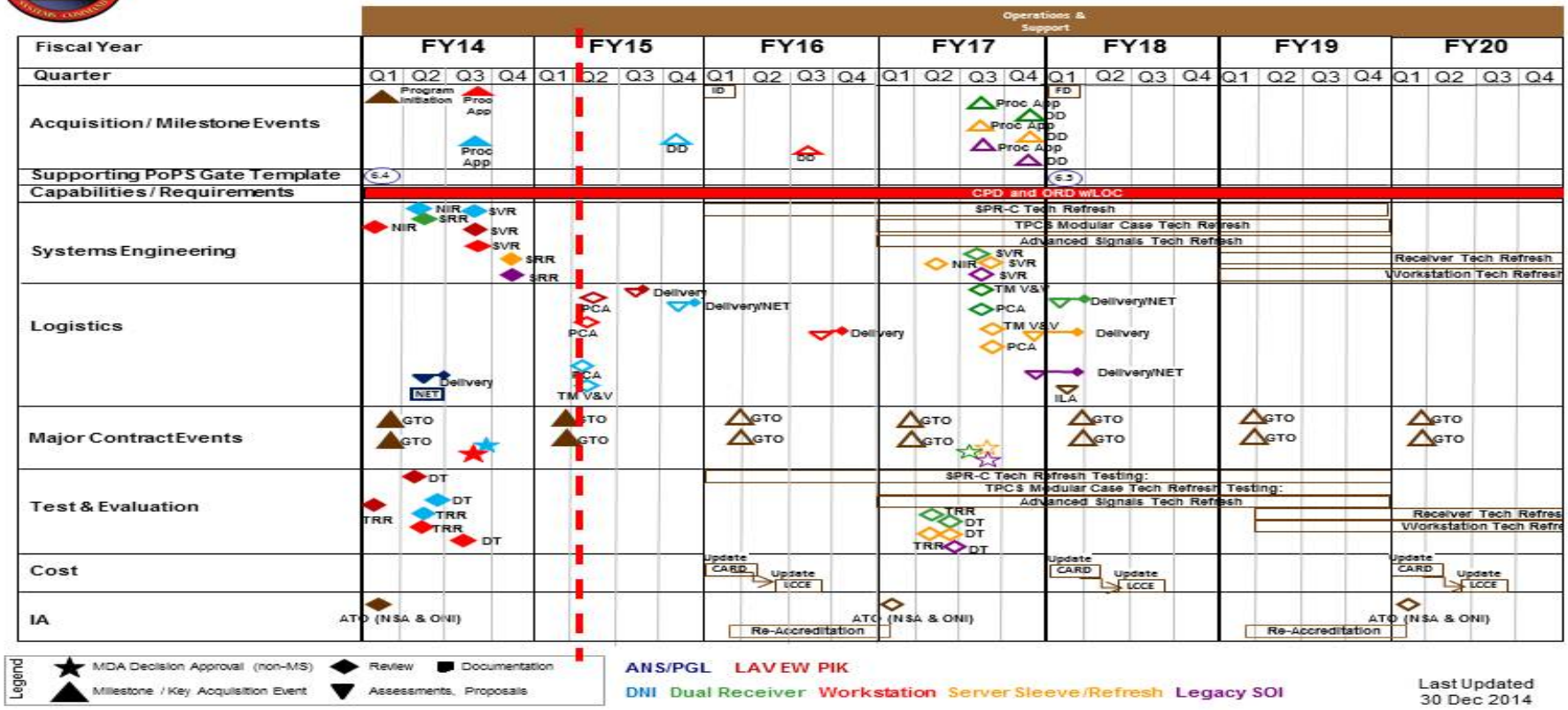

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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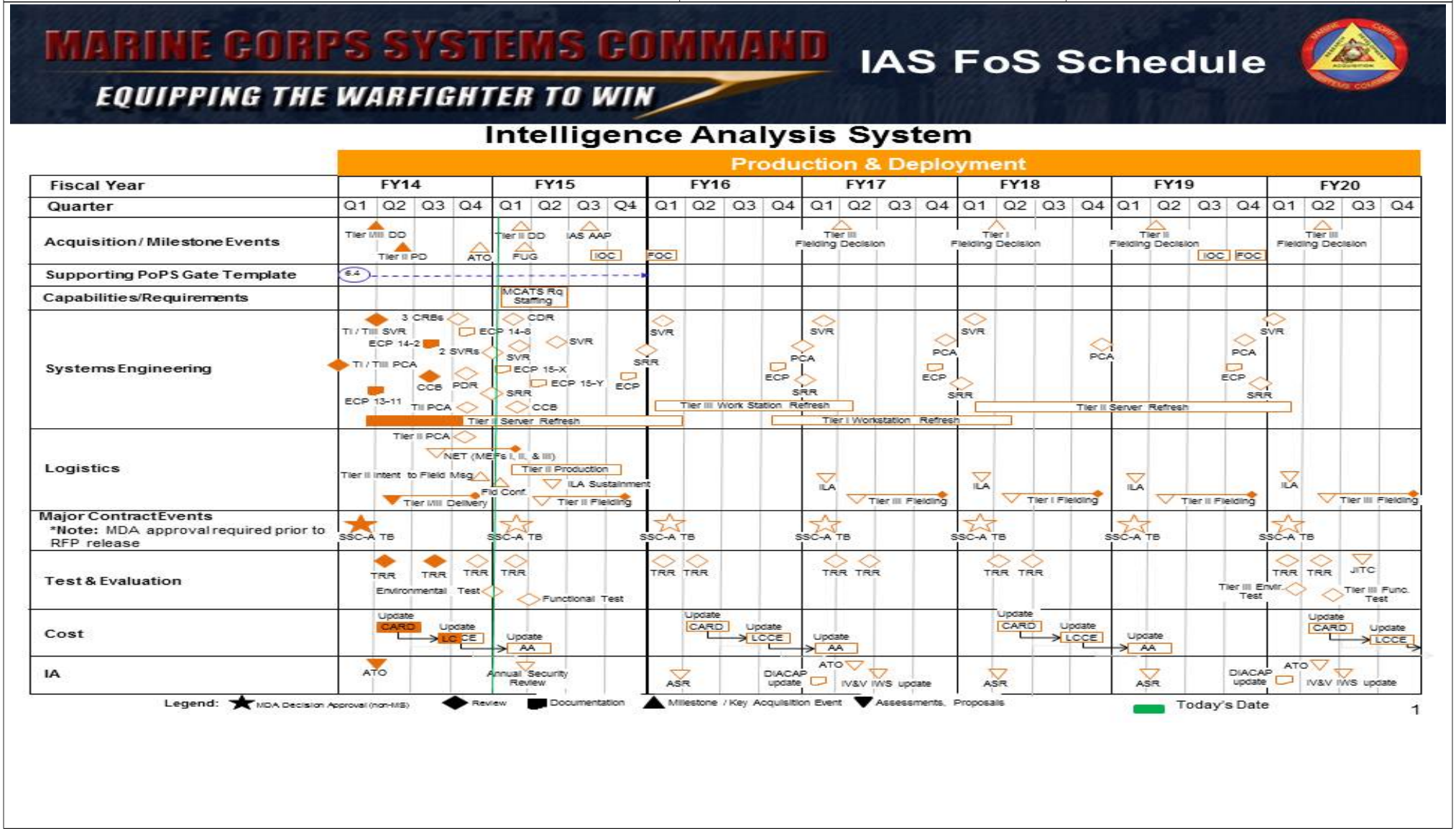

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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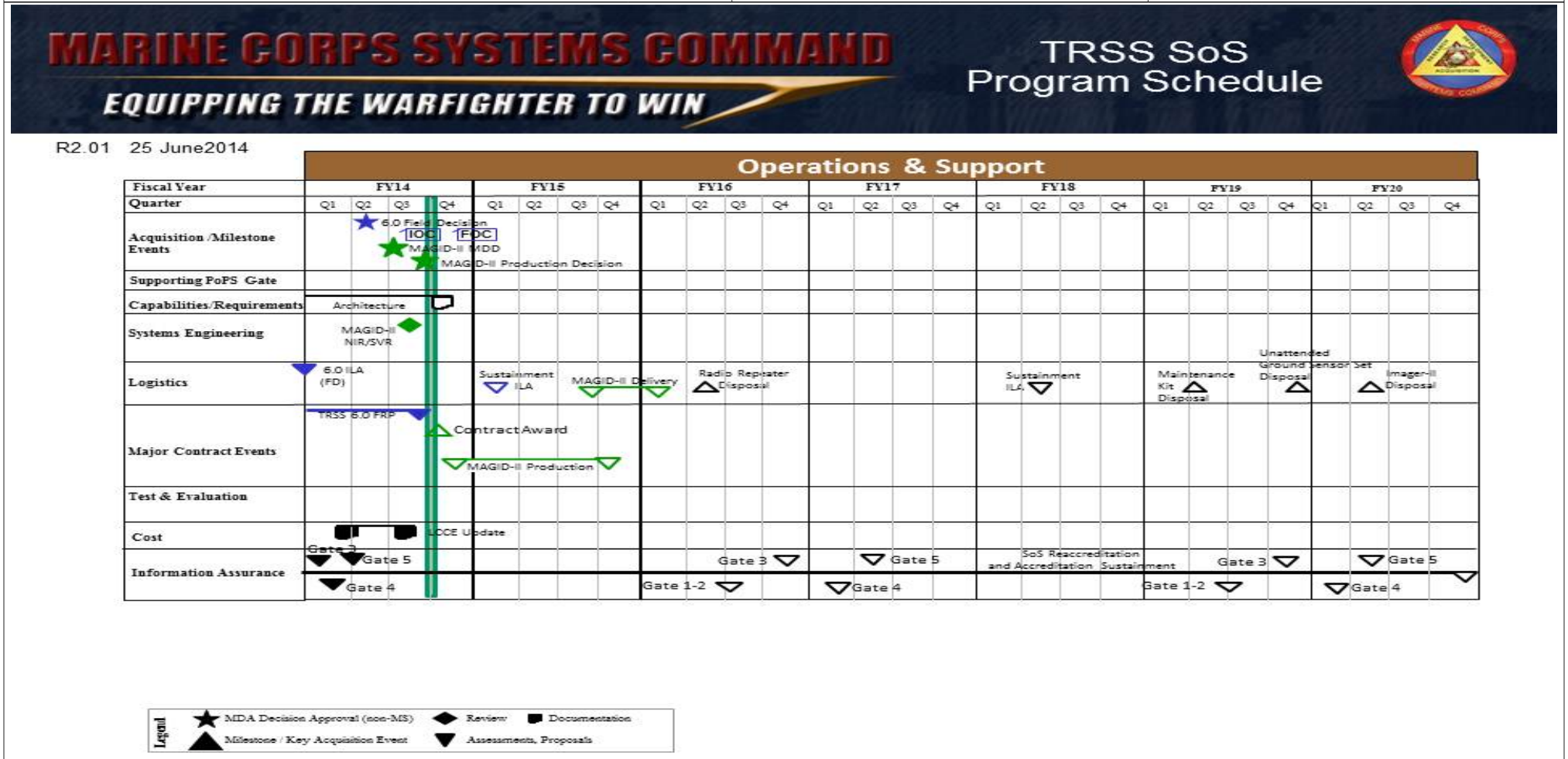

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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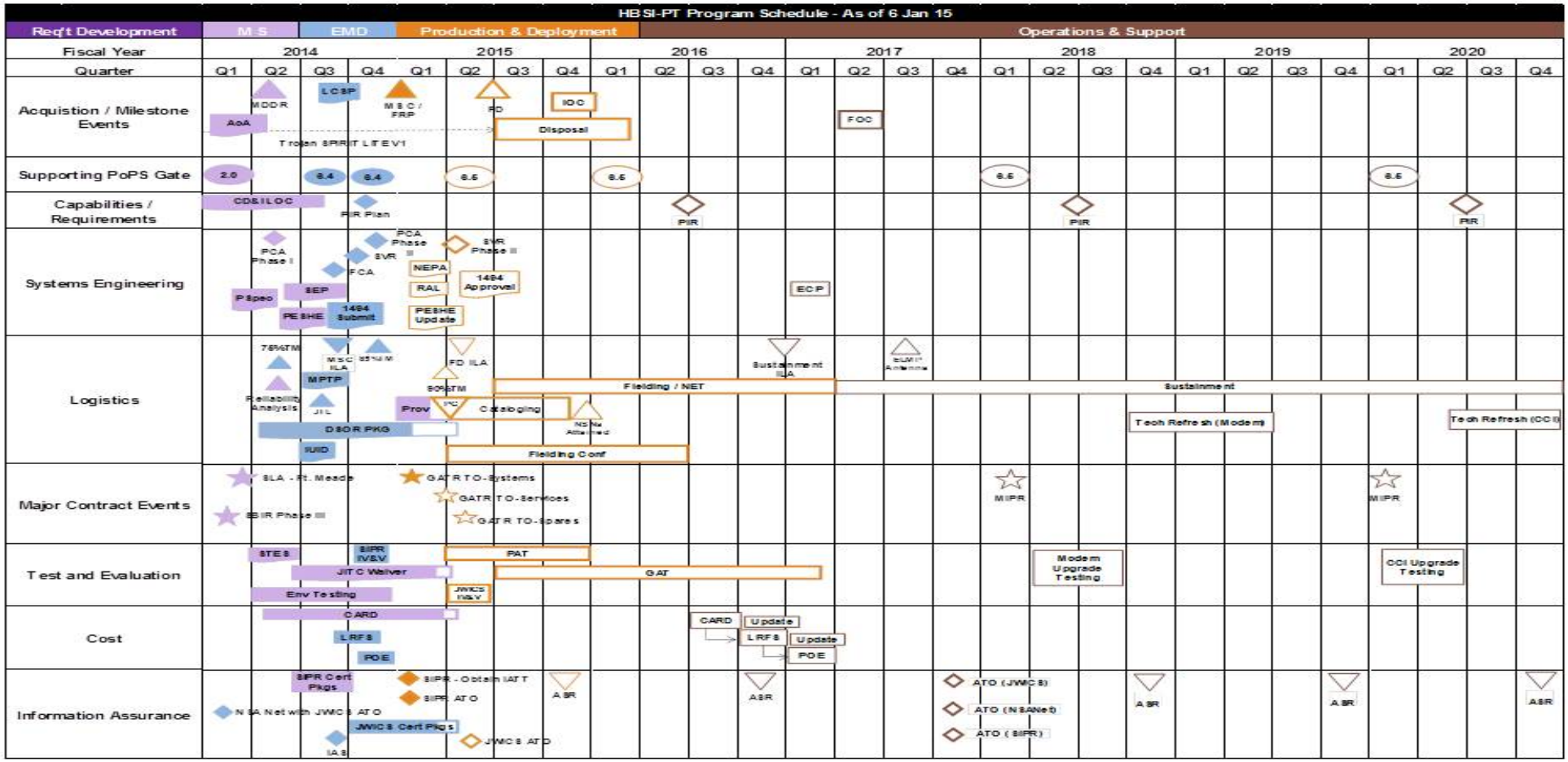

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
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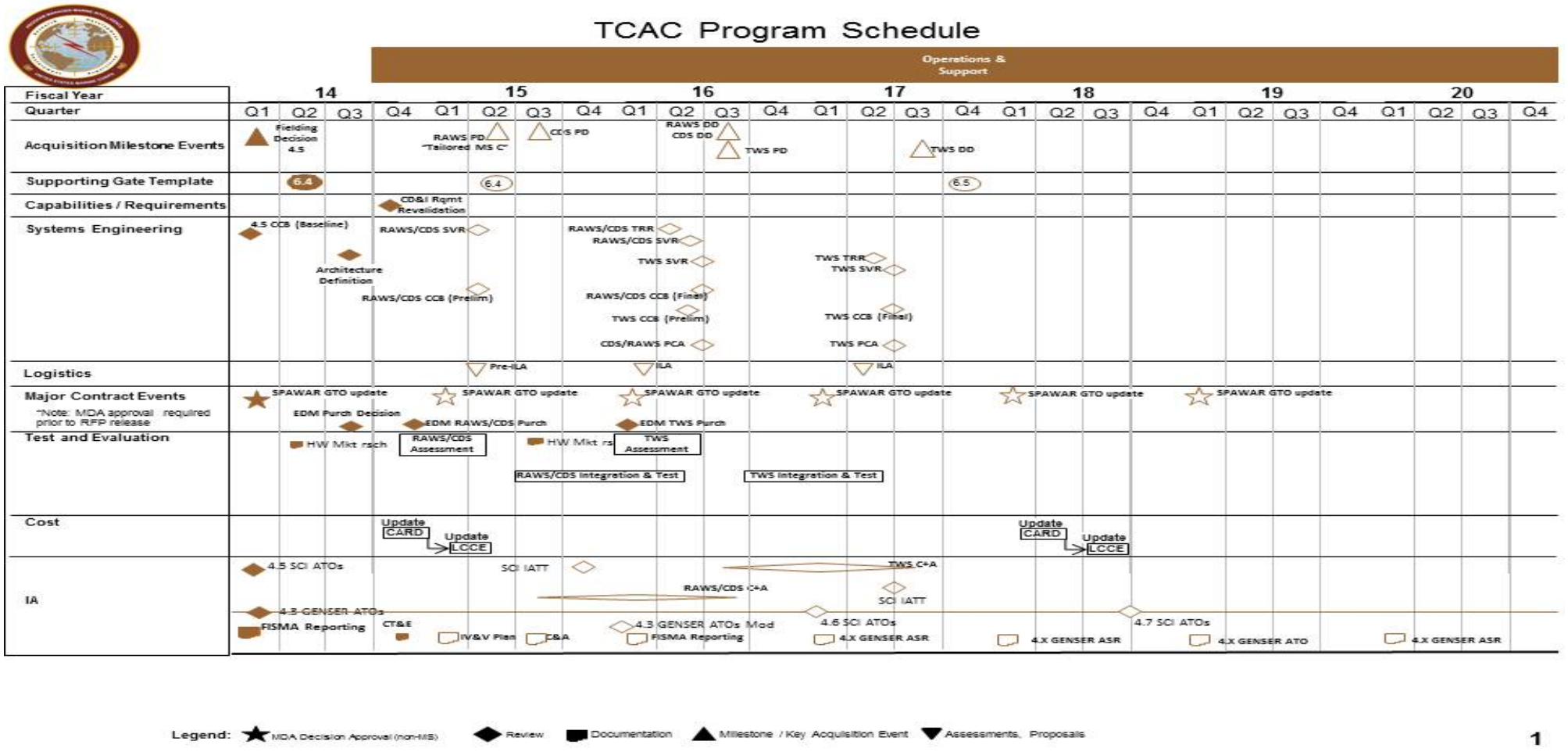

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/ Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

CIHEP FY14-15 Program Schedule

Updated: 20141222

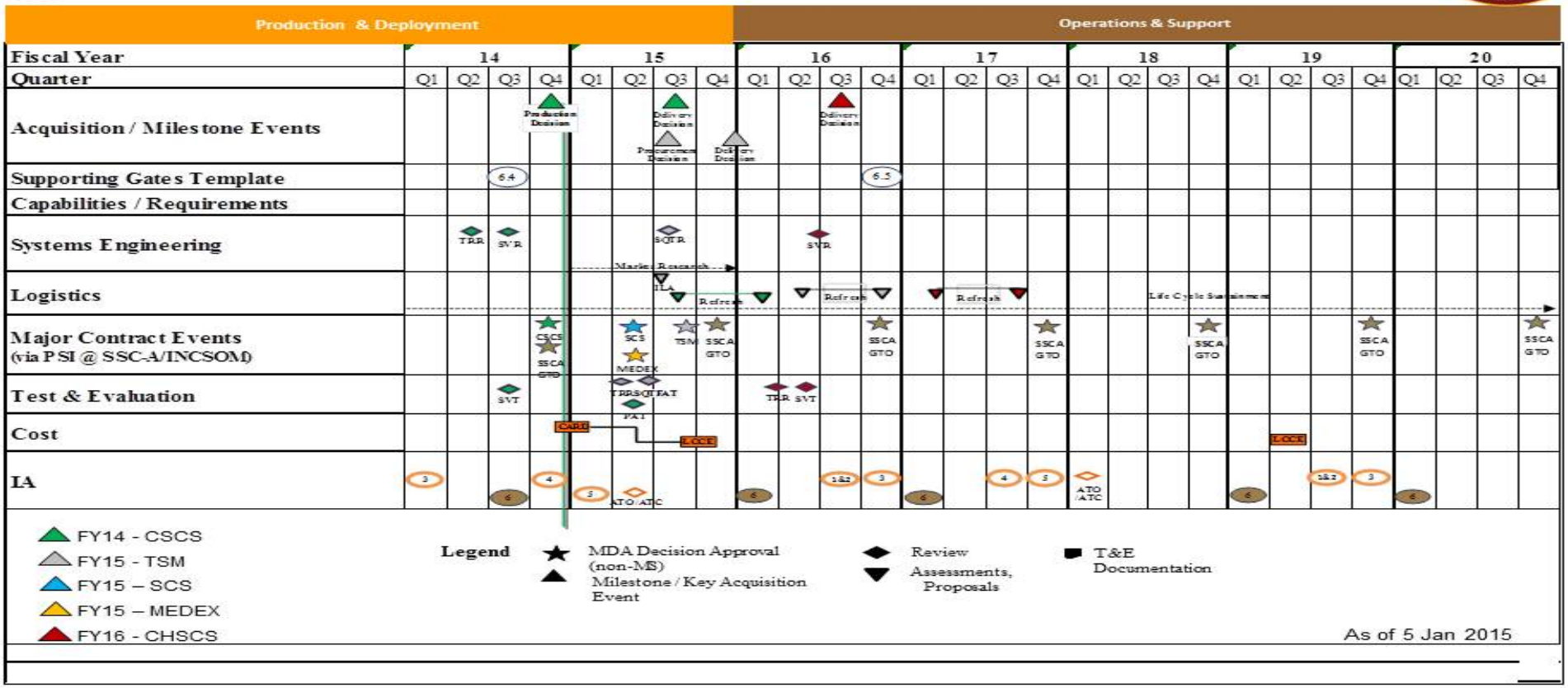

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/ Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2272				
TCAC 4.5 Fielding Decision (HW/SW Baseline)	1	2014	1	2014
TCAC Procurement Decision (HW/SW Server Refresh)	2	2015	2	2015
TCAC Fielding Decision (HW/SW Server Refresh)	4	2015	4	2015
TCAC Procurement Decision (HW/SW Laptop Refresh)	3	2016	3	2016
IAS Tier I/III Fielding Decision	2	2014	2	2014
IAS Tier II Fielding Decision	1	2015	1	2015
TRSS PIK IOC	3	2014	3	2014
CESAS MS C/ FRP	2	2015	2	2015
CESAS IOC	2	2016	2	2016
CESAS Fielding Decision	1	2016	1	2016
CIHEP Full Rate Production Decision TSM	3	2015	3	2015
CIHEP Delivery Decision	3	2015	3	2015
CIHEP FRP/Delivery Decision	3	2016	3	2016
CIHEP SVR	1	2015	1	2015
CIHEP System Verification Review	2	2016	2	2016
CIHEP Test Readiness Review	1	2016	1	2016
CIHEP Production Decision for CSCS	4	2014	4	2014
SCI COMMS MS C/FRP	1	2015	1	2015
SCI COMMS IOC	4	2015	4	2015
SCI COMMS FOC	2	2017	2	2017
SCI COMMS Fielding Decision	2	2015	2	2015

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 0206625M / *USMC Intelligence/ Electronics Warfare Sys*	**Project (Number/Name)** *2272 / Intel Command and Control (C2) Sys*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
TSCS TPCS Initial Delivery ID/IOC (TPCS Tech Refresh)	1	2016	1	2016
TSCS RREP Initial Delivery ID/IOC (SS-3 MOD)	3	2015	3	2015
TSCS RREP Final Delivery FD/FOC (SS-3 MOD and Refresh)	2	2016	2	2016
TSCS TPCS Final Delivery FD/FOC (TPCS Tech Refresh)	1	2018	1	2018