Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy	Date: March 2014
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	88.930	21.369	33.394	14.179	-	14.179	13.735	16.697	20.302	17.862	Continuing	Continuing
2272: *Intel Command and Control (C2) Sys*	88.930	21.369	33.394	14.179	-	14.179	13.735	16.697	20.302	17.862	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	22.966	34.394	30.954	-	30.954
Current President's Budget	21.369	33.394	14.179	-	14.179
Total Adjustments	-1.597	-1.000	-16.775	-	-16.775
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-1.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.317	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	-5.006	-	-5.006
• Rate/Misc Adjustments	-	-	-11.769	-	-11.769
• Congressional General Reductions Adjustments	-1.914	-	-	-	-

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy	Date: March 2014
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*

Change Summary Explanation

The decrease of $16.775M in FY15 aligns funding to program schedules and reduces development for technical refresh and technical insertions in the Tactical Signal Intelligence (SIGINT) Collection System (TSCS), Tactical Remote Sensor Systems(TRSS), Intelligence Equipment Readiness (IER) and Intelligence Broadcast Reciever (IBR) programs. It also reduces development of Advanced Analytics tools in IAS and Cross Domain Solution in Technical Control Analysis Center (TCAC). The decrease in funding from FY14 to FY15 is the result of JSTARS being subsumed by DCGS-MC (PE 0305208M) and Communication Emitter Sensing and Attacking System (CESAS II) completion of most Engineering and Manufacturing Development (EMD) work in FY14, as well as completion of development for the Common Sensor Radio in the TRSS program and reduced development of Advanced Analytics tools for IAS.

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy												Date: March 2014
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 2013**	**FY 2014**	**FY 2015 Base**	**FY 2015 OCO #**	**FY 2015 Total**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Cost To Complete**	**Total Cost**
2272: *Intel Command and Control (C2) Sys*	88.930	21.369	33.394	14.179	-	14.179	13.735	16.697	20.302	17.862	Continuing	Continuing
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

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.

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.

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) 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 voice 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).

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).

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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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 of 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 in OEF and improve system interoperability.

Team Portable Collection System (TPCS) - is a semi-automated, man/team portable system providing intercept, collection, Direction-Finding (DF), reporting and collection management to MAGTF Commander. It provides special signals intercept, and DF capability and is modular, lightweight and team transportable. It provides the MAGTF Commander with a modular and scalable carry on/carry off suite of equipment which allows the system to exploit information from more technically advanced target sets. TPCS is required to incorporate advanced SIGINT technology in order to allow the MAGTF Commander to maintain technological parity with the adversary. TPCS is subsumed by the Tactical Signal Intelligence (SIGINT) Collection System in FY14.

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.

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.

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).

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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 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. The FY14 funding increase supports development of initial advanced analytics capability. The FY15 funding decrease is due to completion of initial advanced analytics development.

Radio Reconnaissance Equipment Program (RREP) provides the Radio Battalions (RADBNS), Radio Reconnaissance Platoons (RRP), and the Marine Corps Forces Special Operations Command (MARFORSOC) Direct Support Teams (DSTs) with mission unique Signals Intelligence/Ground Electronic Warfare (SIGINT/EW) Equipment suites. The SIGINT Suite 3 (SS-3) is comprised of technology and equipment necessary to prosecute advanced signals. RREP will insert a new Electronic Attack (EA) system into the RREP Family of Systems (FoS). The RRP and DST Marines are trained and equipped to support the full spectrum of Marine Expeditionary Unit Special Operations Capable (MEU SOC) mission profiles as well as provide real time, imbedded support to any special operations scenario. This provides the supported Commander greater flexibility in employing his SIGINT assets when the use of conventional RADBN assets are not feasible. RREP is upgrading the SS-3 using an evolutionary development approach that inserts the latest technology into the suite as it becomes mature. This enables the SS-3 to remain a current platform against emerging threats. RREP is subsumed by the Tactical Signal Intelligence (SIGINT) Collection System (TSCS) in FY14.

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.

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.

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 $5.923M from FY14 to FY15 due to completion of most Engineering and Manufacturing Development activities associated with the CESAS II development.

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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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.

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.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Title: *Technical Control and Analysis Center (TCAC): Support	1.004	0.611	1.727
Articles:	-	-	-
FY 2013 Accomplishments: Continued program management support for the integration of Cyber Analysis Tools into the TCAC FoS.			
FY 2014 Plans: Continue program management support for the Integration of Cyber Analysis Tools into the TCAC FoS.			
FY 2015 Plans: Continue program management support for next generation TCAC analysis tools, Cross Domain Solution and Real-Time Regional Gateway (RTRG) expeditionary node into the TCAC Family of Systems (FoS).			
Title: *Technical Control and Analysis Center (TCAC): Product Development	1.854	4.249	1.760
Articles:	-	-	-
FY 2013 Accomplishments: Initiated integration of Cyber Analysis Tools in the TCAC Family of Systems (FoS) and data exchange enhancements.			
FY 2014 Plans: Continue integration of TCAC Cyber Analysis tools and Cross Domain Solution into the TCAC Family of Systems (FoS).			
FY 2015 Plans: Continue integration of next generation TCAC analysis tools, Cross Domain Solution and Real-Time Regional Gateway (RTRG) expeditionary node into the TCAC Family of Systems (FoS).			
Title: *SCI COMMS: Support - Engineering and Technical Support	0.877	1.056	0.670
Articles:	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
FY 2013 Accomplishments: Funding supported an Analysis of Alternatives (AoA) for the Palletized variant. RDT&E utilized for Bandwidth in order to test for interoperability and accreditation for Top Secret/Sensitive Compartmented Information (TS/SCI) connectivity with the TROJAN Network Center. ***FY 2014 Plans:*** Funding will support the test and evaluation of all SCI COMMS platforms (Team and Palletized) 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:*** Funding will provide engineering analysis and technical support that will identify and provide recommendations for resolution of critical technical, test and evaluation, and technology issues.			
Title: *Joint Surveillance Target Attack Radar System (JSTARS): Test and Evaluation	0.270	1.154	-
Articles:	-	-	-
FY 2013 Accomplishments: Continued engineering, technical and management support and MTI integration. ***FY 2014 Plans:*** Continue Test and evaluation support for the next generation GMTI exploitation system. ***FY 2015 Plans:*** JSTARS will be subsumed into DCGS-MC (PE 0305208M).			
Title: *Joint Surveillance Target Attack Radar System (JSTARS): Product Development	-	2.499	-
Articles:	-	-	-
FY 2013 Accomplishments: N/A ***FY 2014 Plans:*** Initiate integration of next generation Ground Moving Target Indicator (GMTI) exploitation system. ***FY 2015 Plans:*** JSTARS will be subsumed into DCGS-MC (PE 0305208M).			
Title: *Tactical Remote Sensor System (TRSS): Test and Evaluation - IOT&E	0.150	0.417	-
Articles:	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
FY 2013 Accomplishments: Continued planned test and evaluation events for the TRSS 6.0 baseline. ***FY 2014 Plans:*** Continue test and evaluation events/IOT&E for the TRSS Common Sensor Radio (CSR) baseline. ***FY 2015 Plans:*** N/A			
Title: *Tactical Remote Sensor System (TRSS): Product Development - RSMS VER 4.2.2. ***Articles:*** ***FY 2013 Accomplishments:*** Continued TRSS evolutionary software upgrade to Sentinel VER 2.0. ***FY 2014 Plans:*** N/A ***FY 2015 Plans:*** N/A	0.288 -	- -	- -
Title: *Team Portable Collection System (TPCS): Support ***Articles:*** ***FY 2013 Accomplishments:*** Continued program support and management. ***FY 2014 Plans:*** TPCS is subsumed into the Tactical SIGINT Collection System (TSCS). ***FY 2015 Plans:*** N/A	0.388 -	- -	- -
Title: *Team Portable Collection System (TPCS): Test and Evaluation ***Articles:*** ***FY 2013 Accomplishments:*** Completed post production testing for Block 0 Modifications and Advanced Network Survey/Precision Geolocation capability insertions and initiated performance testing for Digital Network Intelligence technology insertion. ***FY 2014 Plans:***	0.870 -	- -	- -

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
TPCS is subsumed into the Tactical SIGINT Collection System (TSCS). ***FY 2015 Plans:*** N/A			
Title: *Team Portable Collection System (TPCS): Product Development	2.923	-	-
Articles:	-	-	-
FY 2013 Accomplishments: Continued integration of Special Intelligence technologies, Digital Network Intelligence (DNI). Adapted technical documentation structure to support rapid technology insertion. ***FY 2014 Plans:*** TPCS is subsumed into the Tactical SIGINT Collection System (TSCS). ***FY 2015 Plans:*** N/A			
Title: *Tactical Remote Sensor System (TRSS): Product Development - CSR Integration	-	1.762	-
Articles:	-	-	-
FY 2013 Accomplishments: N/A ***FY 2014 Plans:*** Continue TRSS Common Sensor Radio (CSR) modernization initiative to standardize communication. This modernization effort is required to develop critical upgrades to TRSS systems to improve the sensor systems. ***FY 2015 Plans:*** N/A			
Title: *Tactical Remote Sensor System (TRSS): Support - Engineering and Technical	0.625	0.996	0.100
Articles:	-	-	-
FY 2013 Accomplishments: Continued engineering and technical management support for testing and integrating detector upgrades. ***FY 2014 Plans:***			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Continue engineering and technical management support required for developing critical upgrades to TRSS systems. TRSS Common Sensor Radio (CSR) modernization initiative will standardize communication and interoperability with other military equipment/sensor systems currently in use and being developed. ***FY 2015 Plans:*** Continue engineering and technical management support required for developing critical upgrades to TRSS systems.			
Title: *Wide Field of View Persistent Surveillance (WFVPS): Product Development	0.024	0.027	-
Articles:	-	-	-
FY 2013 Accomplishments: Completed development of the autotracker. ***FY 2014 Plans:*** Complete program close-out. ***FY 2015 Plans:*** N/A			
Title: *MAGTF Secondary Imagery Dissemination System (MSIDS): Support - Engineering and Technical	0.371	0.388	-
Articles:	-	-	-
FY 2013 Accomplishments: Continued technical and engineering support for product development of hardware and software refresh. ***FY 2014 Plans:*** Continue technical and engineering support for product development of hardware and software refresh. ***FY 2015 Plans:*** N/A			
Title: *Intelligence Equipment Readiness (IER): Product Development	2.195	0.560	-
Articles:	-	-	-
FY 2013 Accomplishments: Continued autotracker integration into DCGS-MC software baseline. ***FY 2014 Plans:*** Complete integration of autotracker capability and functionality into DCGS-MC software baseline. ***FY 2015 Plans:***			

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
N/A			
Title: *Intelligence Analysis System (IAS): Support	1.010	3.096	0.900
Articles:	-	-	-
FY 2013 Accomplishments: Continued program management support of Tier III software and hardware efforts. ***FY 2014 Plans:*** Continue 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.			
Title: *Intelligence Analysis System (IAS): Product Development	1.079	1.571	1.340
Articles:	-	-	-
FY 2013 Accomplishments: Completed prototyping, integration and testing Tier III technology refresh. Supported software development and integration of all IAS FoS related software. ***FY 2014 Plans:*** Initiate integration, system testing and evaluation of advanced analytic technologies into the Intelligence Analysis System (IAS) Family of Systems (FoS). ***FY 2015 Plans:*** 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.			
Title: *Radio Recon Equipment Program (RREP): Support - Program and Technical	0.964	-	-
Articles:	-	-	-
FY 2013 Accomplishments: Continued program support for technology refresh of basic collection receivers and basic direction finding capability. ***FY 2014 Plans:*** RREP is subsumed into Tactical SIGINT Collection System (TSCS). ***FY 2015 Plans:***			

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
N/A			
Title: *Counterintel and Human Intel Equip (CIHEP): Support - Engineering and Technical	0.181	0.191	-
Articles:	-	-	-
FY 2013 Accomplishments: Continued materiel solution analysis, engineering, integration, and technical support for refresh of CIHEP hardware and software.			
FY 2014 Plans: Continue engineering, integration and technical support for refresh of CIHEP hardware and software.			
FY 2015 Plans: N/A			
Title: *Communication Emitter Sensing and Attacking System (CESAS): Product Development	3.337	4.585	0.400
Articles:	-	-	-
FY 2013 Accomplishments: Completed Analysis of Alternatives, identified a preferred Materiel solution and initiated the CESAS II acquisition program. Successfully completed Systems Requirement Review and initial development including procurement of three Engineering Development Models. Initiated Life Cycle Cost Estimate.			
FY 2014 Plans: Continue development of CESAS II. Accept, integrate and build three Engineering Development Models. Will conduct Non Developmental Item Integration Review in lieu of CDR and Test Readiness Review. After successful testing, plan to conduct Systems Verification Review in preparation for Milestone C.			
FY 2015 Plans: Complete development of CESAS II.			
Title: *Communication Emitter Sensing and Attacking System (CESAS): Test and Evaluation	-	1.638	0.100
Articles:	-	-	-
FY 2013 Accomplishments: N/A			
FY 2014 Plans: Conduct CESAS II development test and evaluation. Test planning, conduct Test Readiness Review (TRR), conduct two phase Development and Environmental Tests.			
FY 2015 Plans:			

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Complete CESAS II development test and evaluation.			
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Support	-	2.588	0.609
Articles:	-	-	-
FY 2013 Accomplishments: N/A ***FY 2014 Plans:*** Provide program support and management for TPCS Modular Case technology refresh, 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:*** Provide program support and management for TPCS and RREP technology refresh and technology insertions to support additional signals of interest.			
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Test and Evaluation	-	0.837	0.609
Articles:	-	-	-
FY 2013 Accomplishments: N/A ***FY 2014 Plans:*** Initiate test and evaluation efforts for TPCS Modular Case technology refresh, 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 test and evaluation efforts for TPCS and RREP technology refresh and technology insertions to support additional signals of interest.			
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Product Development	-	1.853	1.739
Articles:	-	-	-
FY 2013 Accomplishments:			

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
N/A ***FY 2014 Plans:*** Initiate development of TPCS Modular Case technology refresh, 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 development of TPCS and RREP technology refresh and technology insertions to support additional signals of interest.			
Title: *Communication Emitter Sensing and Attacking System (CESAS): Support	0.834	0.200	-
Articles:	-	-	-
FY 2013 Accomplishments: Conducted Program initiation activities, including development of Materiel Development Decision Review and PEO Brief, Probability of Program success, Cost Analysis Requirements Document, Acquisition Strategy, and Integrated Master Schedule. ***FY 2014 Plans:*** Continue Program support through Milestone C including all acquisition documentation requirements such as Clinger Cohen Act, Acquisition Strategy and IMS, Production and sustainment planning. ***FY 2015 Plans:*** N/A			
Title: *Intelligence Broadcast Receiver (IBR): Support	0.167	0.987	0.100
Articles:	-	-	-
FY 2013 Accomplishments: Completed Tactical Receive Segment (TRS) software beta testing and program support. ***FY 2014 Plans:*** Initiate interoperability software certification for Tactical Receive Segment (TRS). ***FY 2015 Plans:*** Continue interoperability software certification for Tactical Receive Segment (TRS).			
Title: *Tactical Exploitation of National Capabilities (TENCAP): Product Development	0.458	0.629	1.225
Articles:	-	-	-
FY 2013 Accomplishments:			

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Provided program management and support for the evaluation of emerging national and Intelligence Community technologies applicability to the operating forces. Conducted technical assessments through field user evaluations of innovative technological capabilities for assessment of insertion into the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE). Continued to support operational planning and enhanced Operating Force capabilities to utilize technology innovation within the MAGTF ISR architecture. Continued training and education efforts by providing the operating forces with simulation, visualization, and improved mission planning capabilities. ***FY 2014 Plans:*** Provide program management and support for the evaluation of innovative Intelligence Community and national intelligence systems applicability to the Operating Forces. Conduct 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 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. Supports the Congressionally mandated TENCAP office and ongoing activities. ***FY 2015 Plans:*** 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. 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. Supports 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.			
Title: *Tactical Exploitation of National Capabilities (TENCAP): Technical Assessments	1.500	1.500	2.900
Articles:	-	-	-
FY 2013 Accomplishments: Conducted research and development, advanced technology demonstrations, and integration of emerging technologies into the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISR-E). Conducted technical assessments of innovative national data receipt and dissemination capabilities for insertion into the MCISR-E. Coordinated with national agencies			

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
and laboratories, such as the Office of Naval Research, for exploration of collaborative S&T/R&D efforts to bring evolutionary intelligence capabilities to the Operating Forces.			
FY 2014 Plans: Conduct research and development, advanced technology demonstrations, and integration of emerging technologies into Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE). Conduct technical assessments and field utility evaluations of innovative capabilities for evaluating insertion into the MCISRE. 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 2015 Plans: Evaluate and assesses emerging intelligence technologies for applicability to USMC needs and requirements. Conduct technical assessments and field utility evaluations of innovative capabilities for evaluating insertion into the MCISRE. Conduct research and development, advanced technology demonstrations, and integration of emerging technologies into the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE). 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.			
Accomplishments/Planned Programs Subtotals	21.369	33.394	14.179

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• PMC/474711: *TPCS*	4.502	-	-	-	-	-	-	-	-	-	4.502
• PMC/700002: *IER SPARES*	0.001	0.138	-	-	-	-	-	-	-	-	0.139
• PMC/474732: *IER*	-	0.171	-	-	-	-	-	-	0.041	Continuing	Continuing
• PMC/474752: *IBR*	1.707	1.134	0.100	-	0.100	0.053	0.024	0.028	0.026	Continuing	Continuing
• PMC/474705: *TRSS*	-	7.749	-	-	-	-	0.036	0.035	0.034	Continuing	Continuing
• PMC/700003: *TRSS SPARES*	0.140	0.144	0.100	-	0.100	0.100	0.064	0.065	0.066	Continuing	Continuing
• PMC/700005: *MSIDS SPARES*	0.427	0.185	0.100	-	0.100	0.100	0.100	0.100	0.100	Continuing	Continuing
• PMC/474703: *TCAC*	2.371	0.202	12.226	-	12.226	11.229	4.939	2.521	6.402	Continuing	Continuing
• PMC/474707: *SCI COMMS*	-	11.660	3.210	-	3.210	0.200	0.200	0.235	0.239	Continuing	Continuing
• PMC/474713: *RREP*	5.871	-	-	-	-	-	-	-	-	-	5.871
• PMC/474717: *MSIDS*	6.380	4.820	-	-	-	-	-	-	-	Continuing	Continuing
• PMC/474719: *JSTARS*	4.057	3.109	-	-	-	-	-	-	-	-	7.166

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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• PMC/474721: *TSCS*	-	13.849	4.468	-	4.468	1.463	6.096	6.232	5.666	Continuing	Continuing
• PMC/474714: *CESAS*	-	2.272	4.250	-	4.250	0.701	2.253	-	-	Continuing	Continuing
• PMC/474761: *IAS*	9.909	8.632	10.122	-	10.122	6.615	21.970	9.990	10.212	Continuing	Continuing
• PMC/700000: *IAS SPARES*	0.099	0.100	0.101	-	0.101	0.104	0.157	0.160	0.163	Continuing	Continuing
• PMC/700004: *SCI COMMS SPARES*	-	0.100	0.700	-	0.700	-	-	-	-	-	0.800
• PMC/474709: *CIHEP*	1.520	9.494	5.582	-	5.582	5.211	5.247	5.352	1.031	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) ACQUISITION STRATEGY SCI COMMS: Procure and continuously improve USMC TROJAN SPIRIT systems to meet evolving Marine Corps operational needs while maintaining interoperability with the Army TROJAN Network and maintaining, as closely as practical, configuration common to the Army TROJAN SPIRIT systems.

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

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

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

(U) ACQUISITION STRATEGY WFVPS: FY14 program close-out.

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

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

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

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

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

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

(U) ACQUISITION STRATEGY 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) ACQUISITION STRATEGY 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) ACQUISITION STRATEGY 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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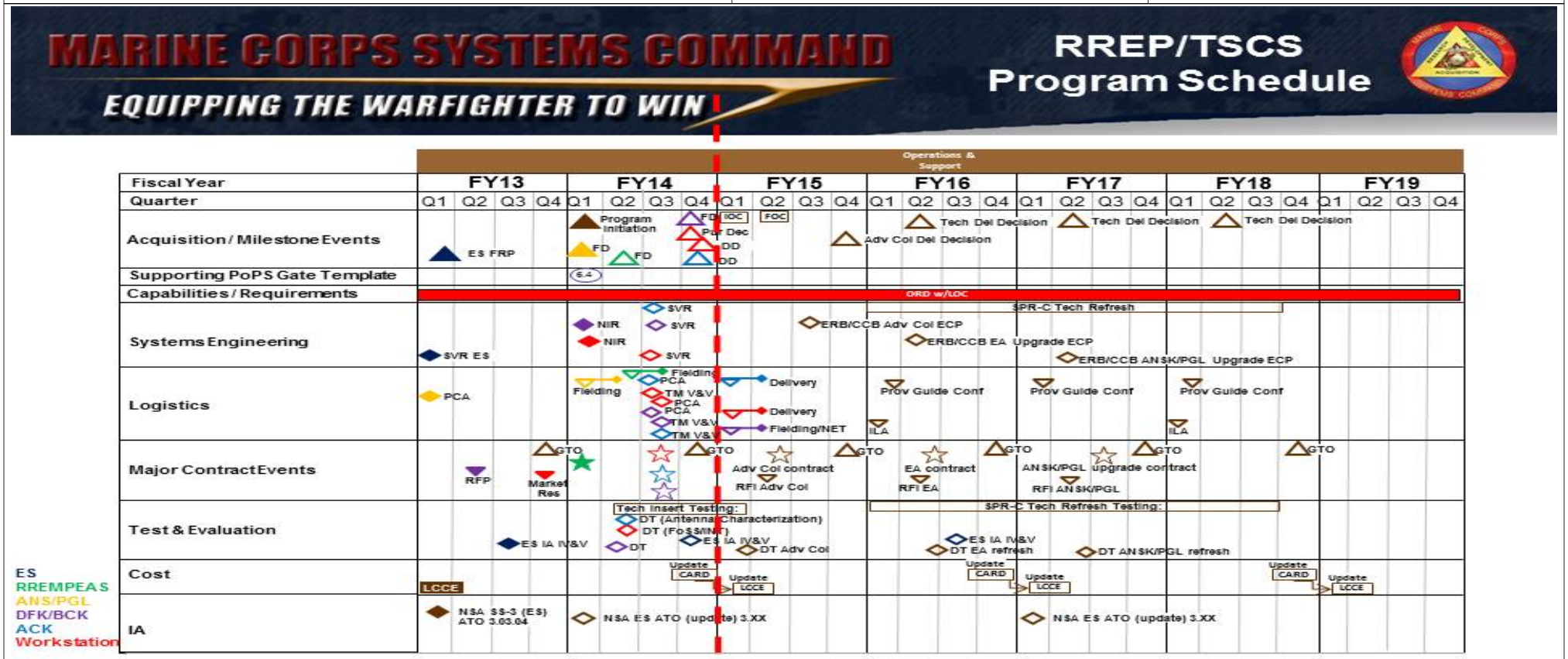
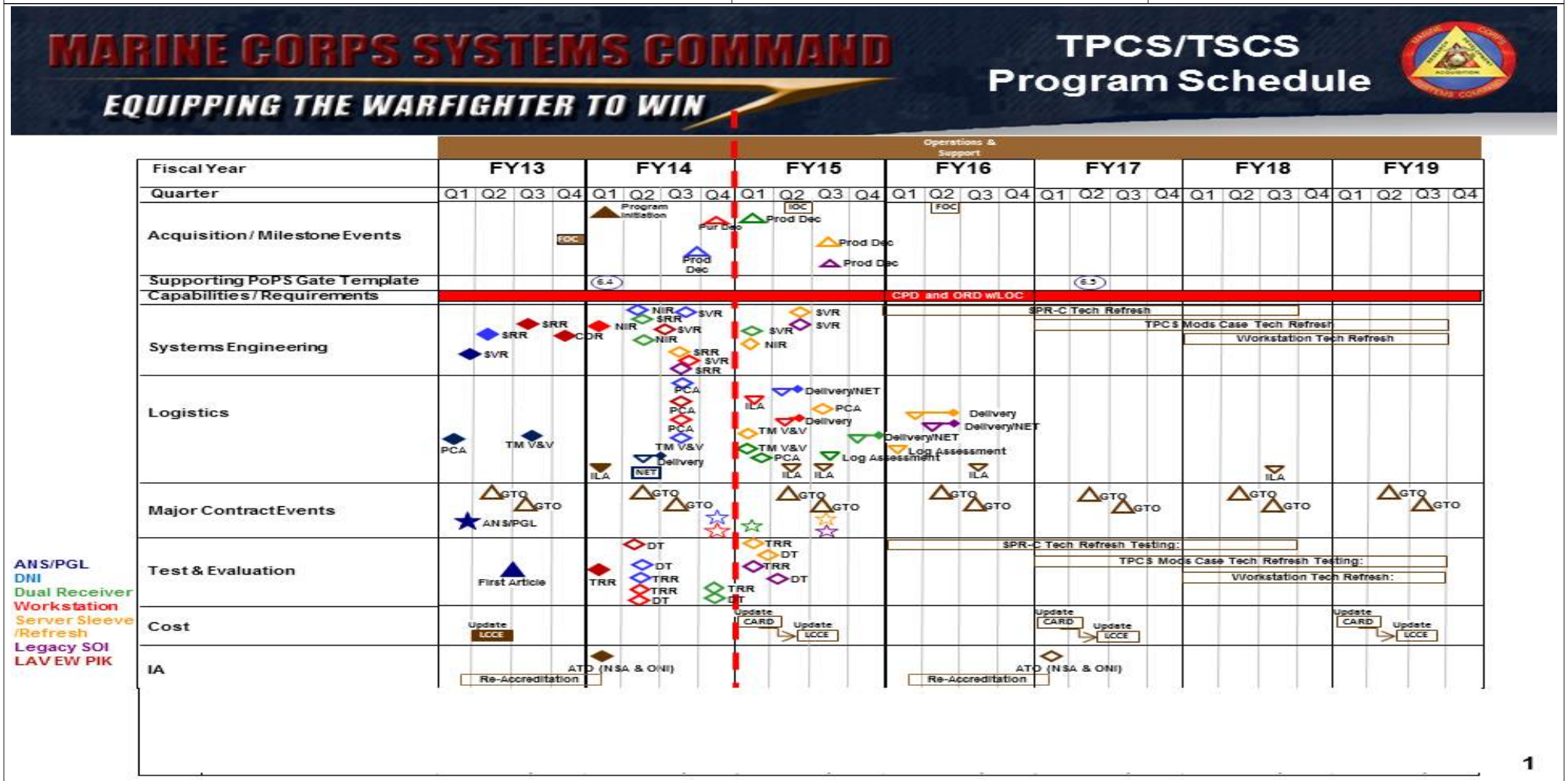


Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy		Date: March 2014
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/ Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*



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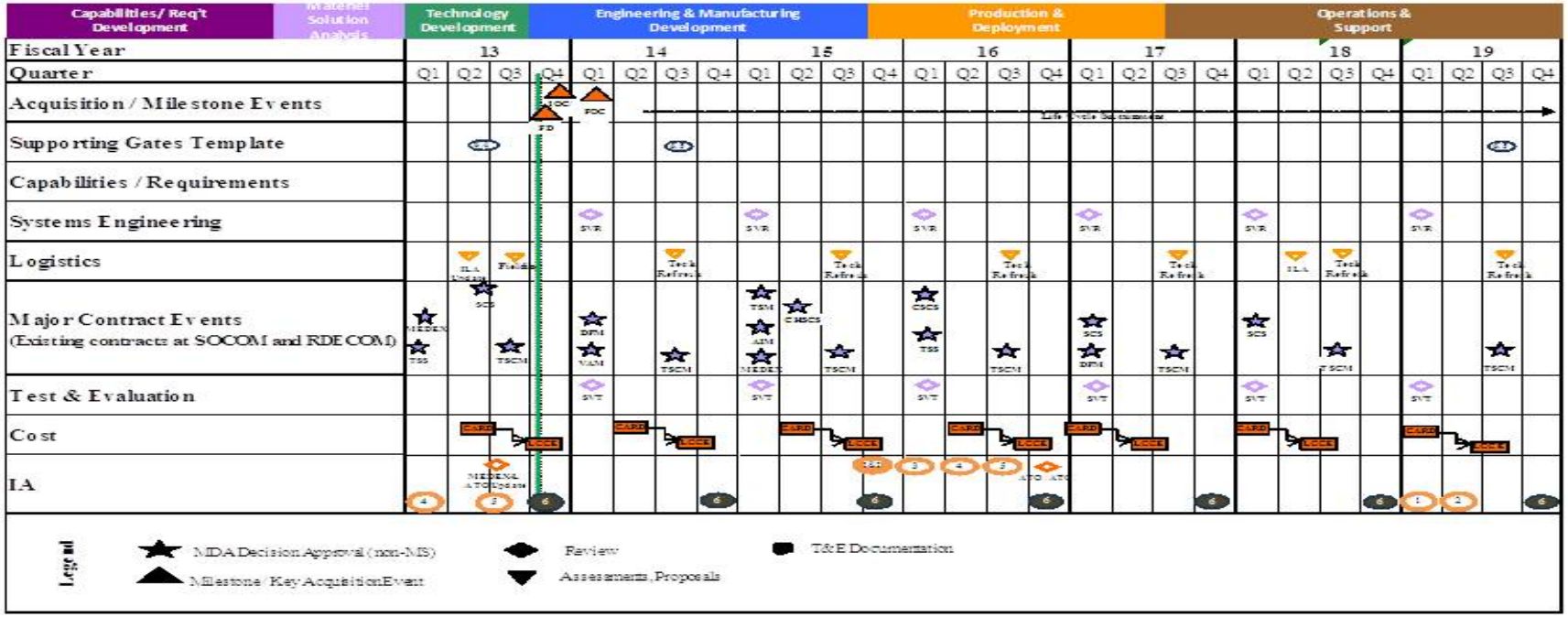

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy		Date: March 2014
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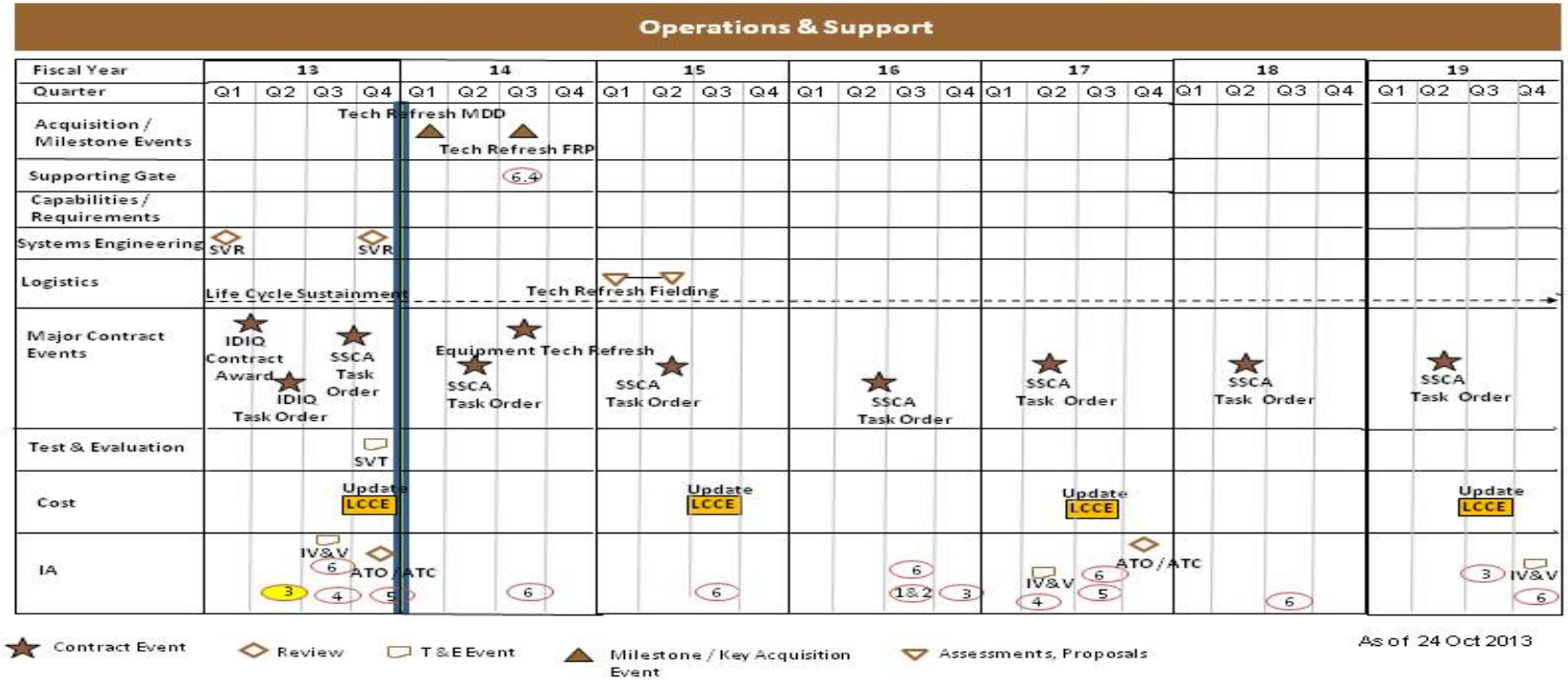
MSIDS



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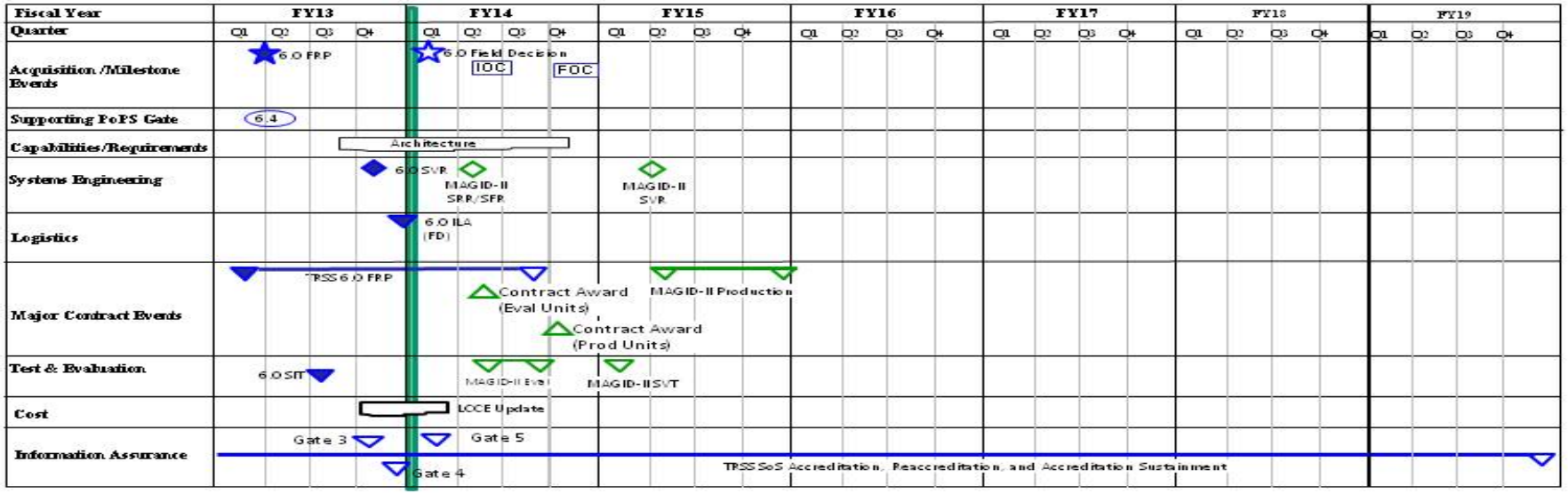
MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

TRSS SoS Program Schedule



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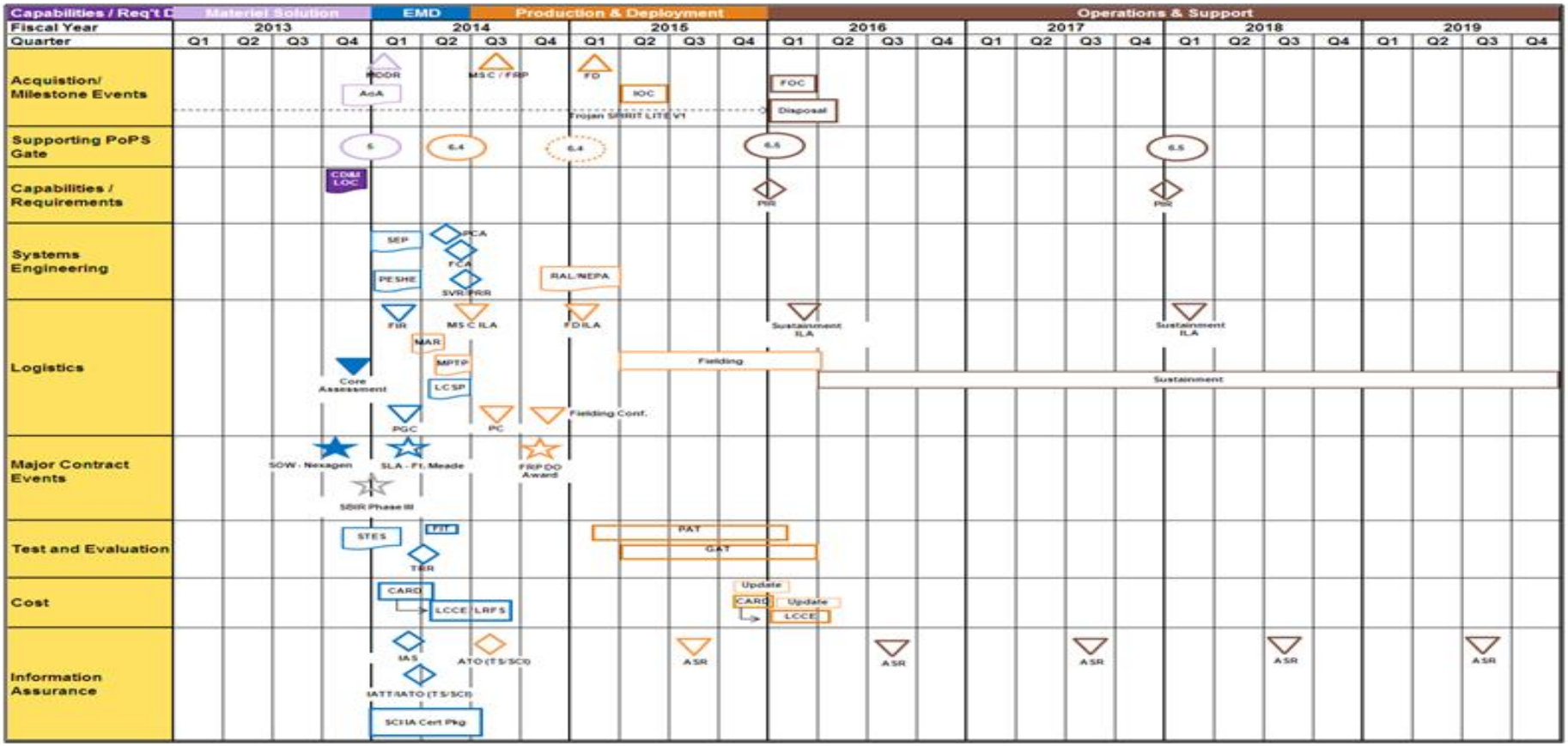
SCI COMMS HBSI-PT Schedule



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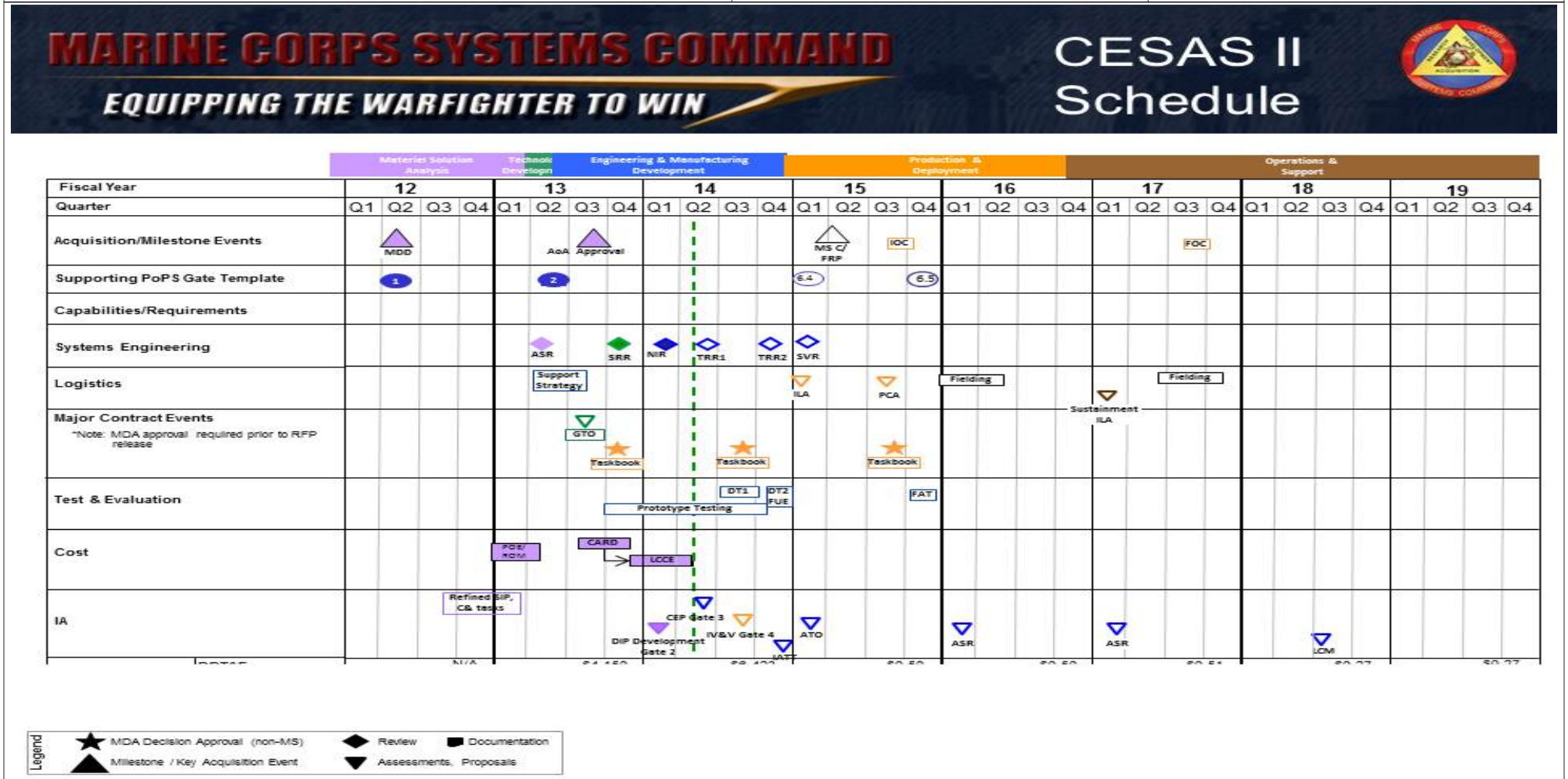

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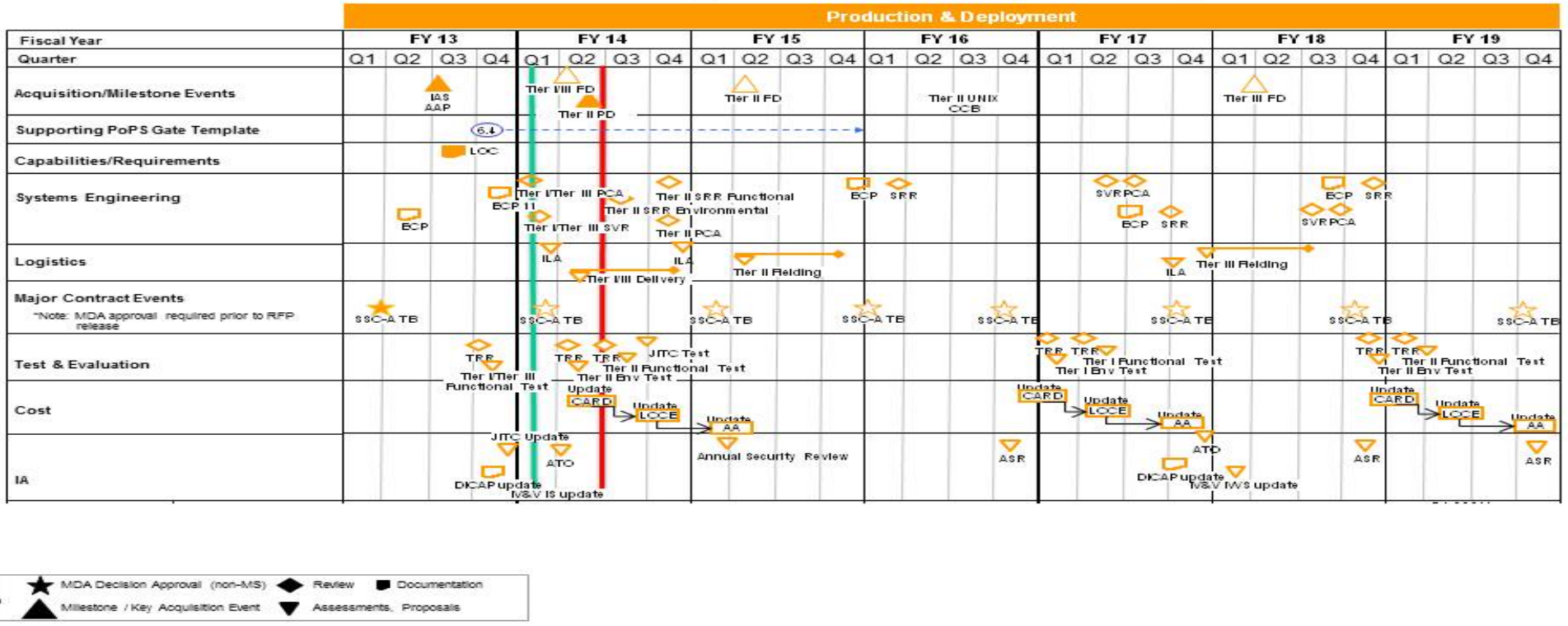
MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

IAS FoS Schedule

Intelligence Analysis System



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TCAC Schedule