DOT&E Activity & Oversight	
FY15 Activity Summary	1
Program Oversight	7
Problem Discovery Affecting OT&E	
DOD Programs	
Defense Agencies Initiative (DAI)	25
Defense Medical Information Exchange (DMIX)	
Defense Readiness Reporting System – Strategic (DRRS-S)	
Department of Defense (DOD) Teleport	
F-35 Joint Strike Fighter (JSF)	
Global Command and Control System – Joint (GCCS-J)	
Joint Information Environment (JIE)	
Joint Warning and Reporting Network (JWARN)	91
Key Management Infrastructure (KMI) Increment 2	93
Public Key Infrastructure (PKI) Increment 2	97
Theater Medical Information Program – Joint (TMIP-J)	101
Army Programs	
Network Integration Evaluation (NIE)	103
Abrams M1A2 System Enhancement Program Version 3 (SEPv3) Main Battle Tank (MBT)	
Distributed Common Ground System – Army (DCGS-A)	
Global Combat Support System – Army (GCSS-Army)	
Guided Multiple Launch Rocket System – Alternate Warhead (GMLRS-AW) M30E1	113
HELLFIRE Romeo	115
Integrated Personnel and Pay System – Army (IPPS-A) Increment I	117
Javelin Close Combat Missile System – Medium	
Joint Battle Command – Platform (JBC-P)	123
Joint Light Tactical Vehicle (JLTV) Family of Vehicles (FoV)	
M109 Family of Vehicles (FoV) Paladin Integrated Management (PIM)	129
M270A1 Multiple Launch Rocket System (MLRS) Improved Armored Cab (IAC)	
M829A4 (formerly M829E4) Armor Piercing, Fin Stabilized, Discarding Sabot – Tracer (APFSDS-T)	
Mid-Tier Networking Vehicle Radio (MNVR)	
Mine Resistant Ambush Protected (MRAP) MaxxPro Long Wheel Base (LWB) Ambulance	
MQ-1C Gray Eagle Unmanned Aircraft System (UAS)	
Nett Warrior	143
One System Remote Video Terminal (OSRVT) Increment II	145
Patriot Advanced Capability-3 (PAC-3)	
Precision Guidance Kit (PGK)	
Q-53 Counterfire Target Acquisition Radar System	
Rifleman Radio	
Navy Programs Assortic Parid Communical Off the Shalf Inscrition (A. BCI) for AN/BCO 10(V) Somer	150
Acoustic Rapid Commercial Off-the-Shelf Insertion (A-RCI) for AN/BQQ-10(V) Sonar	
AcM 88E Advanced Anti Rediction Cuided Missile (AARCM) Program	
AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) Program	
AIM-9X Air-to-Air Missile Upgrade AN/SQQ-89A(V)15 Integrated Undersea Warfare (USW) Combat System Suite	
CH-53K – Heavy Lift Replacement Program	173
CAL COAL ALVERT MINISTER PROPERTY AND A COAL COAL CALLED AND A COA	

Consolidated Afloat Networks and Enterprise Services (CANES)	Common Aviation Command and Control System (CAC2S)	175
CVN 78 Gerald R. Ford Class Nuclear Aircraft Carrier		179
CVN 78 Gerald R. Ford Class Nuclear Aircraft Carrier	Cooperative Engagement Capability (CEC)	181
DDG 51 Flight III Destroyer/Air and Missile Defense Radar (AMDR)/Aegis Combat System 193 Department of the Navy Large Aircraft Infrared Countermeasures (DoN LAIRCM) 197 E-2D Advanced Hawkeye. 199 F/A-18E/F Super Hornet and EA-18G Growler 201 Global Combat Support System – Marine Corps (GCSS-MC) 203 H-1 Upgrades – U.S. Marine Corps Upgrade to AH-1Z Attack Helicopter and UH-1Y Utility Helicopter 205 Infrared Search and Track (IRST) 207 Integrated Defensive Electronic Countermeasures (IDECM) 209 Joint High Speed Vessel (JHSV) (Expeditionary Fast Transport) 213 Joint Standoff Weapon (ISOW) 217 LHA 6 New Amphibious Assault Ship (formerly LHA(R)) 219 Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM) 223 Littoral Combat Ship (LCS) and Associated Mission Modules 225 HH-60R Multi-Mission Helicopter 247 MH-60S Multi-Mission Combat Support Helicopter 247 MH-60S Multi-Mission Combat Support Helicopter 253 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base) 255 Mobile User Objective System (MUOS) 259 MQ-4C Triton Unmanned Aircraft System (UAS) 260 MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA) 269 Remote Minefunting System (RMS) 273 Rolling Airframe Missile (RAM) Block 2 281 RQ-21A Blackjack Unmanned Aircraft System (UAS) 283 Ship Setl Defense for LHA(R) 287 Ship-to-Shore Connector (SSC) 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs AC-130J Ghostrider 303 AdV-120 Osprey. 303 AdV-120 Osprey. 303 AdV-120 Advanced Medium-Range Air-to-Air Missile (AMRAM) 315 Air Force Piotributed Common Ground System (AFDCS) 317 Air Operations Center – Weapon System (AOC-WS) 317 Air Operations Center – Weapon System (AOC-WS) 321		
DDG 51 Flight III Destroyer/Air and Missile Defense Radar (AMDR)/Aegis Combat System		
Department of the Navy Large Aircraft Infrared Countermeasures (DoN LAIRCM). 197 E-2D Advanced Hawkeye. 199 F/A-18E/F Super Hornet and EA-18G Growler. 201 Global Combat Support System – Marine Corps (GCSS-MC). 203 H-1 Upgrades – U.S. Marine Corps Upgrade to AH-1Z Attack Helicopter and UH-1Y Utility Helicopter. 205 Infrared Search and Track (IRST). 207 Integrated Defensive Electronic Countermeasures (IDECM). 209 Joint High Speed Vessel (JHSV) (Expeditionary Fast Transport). 213 Joint Standoff Weapon (JSOW). 217 LHA 6 New Amphibious Assault Ship (formerly LHA(R)). 219 Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM). 223 Littoral Combat Ship (LCS) and Associated Mission Modules. 225 MH-60R Multi-Mission Combat Support Helicopter. 247 Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base). 255 Mobile User Objective System (MUOS). 259 MQ-4C Triton Unmanned Aircraft System (UAS). 261 Multi-Static Active Coherent (MAC) System (263 MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 269 Remote Minehunting System (RMS). 273 Rolling Airframe Missile (RAM) Block 2. 281 RQ-21A Blackjack Unmanned Aircraft System (UAS). 283 Ship Self Defense for LHA(R). 287 Ship-to-Shore Connector (SSC). 391 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 391 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 391 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 391 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 391 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 391 Surface Diptimized Common Ground System (GEWIP) Block 2. 391 Surface Diptimized Common Ground System (SEWIP) Block 2. 393 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low F		
F- 2D Advanced Hawkeye		
F/A-18E/F Super Hornet and EA-18G Growler. [201 Global Combat Support System – Marine Corps (GCSS-MC). [203 H-1 Upgrades – U.S. Marine Corps Upgrade to AH-1Z Attack Helicopter and UH-1Y Utility Helicopter. [205 Infrared Search and Track (IRST). [207 Integrated Defensive Electronic Countermeasures (IDECM). [208 Joint High Speed Vessel (JHSV) (Expeditionary Fast Transport). [218 Joint Standoff Weapon (JSOW). [219 LIHA 6 New Amphibious Assault Ship (formerly LHA(R)). [219 Light Armored Vehicle – Anti-Tank Modernization (LAV-ATIM). [223 Littoral Combat Ship (LCS) and Associated Mission Modules. [225 MH-60R Multi-Mission Helicopter. [247 MH-60R Multi-Mission Combat Support Helicopter. [248 Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps. [258 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base). [259 MO-2 C Triton Ummanned Aircraft System (UAS). [260 Multi-Mission Multi-Mission Maritime Aircraft (MMA). [261 Multi-Static Active Coherent (MAC) System. [262 Multi-Static Active Coherent (MAC) System. [263 Multi-Mission Multi-Mission Maritime Aircraft (MMA). [264 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [265 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [266 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [267 P-8 A Poseidon Multi-Mission Maritime Aircraft (MMA). [268 Poseidon Multi-Mission Maritime Aircraft (MMA). [269 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [260 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [261 Maritime Missile (RAM) Block 2. [262 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [263 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [264 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [265 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [266 Pa-8 Poseidon Multi-Mission Maritime Aircraft (MMA). [267 P-8 A Poseidon Multi-Mission Maritime Aircraft (MMA). [268 Pa-8 Poseidon Multi-Miss		
Global Combat Support System — Marine Corps (GCSS-MC). 203 Infrared Search and Track (IRST). 207 Integrated Defensive Electronic Countermeasures (IDECM). 209 Joint High Speed Vessel (HISV) (Expeditionary Fast Transport). 213 Joint Standoff Weapon (JSOW). 217 LHA 6 New Amphibious Assault Ship (formerly LHA(R)). 219 Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM). 219 Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM). 223 Littoral Combat Ship (LCS) and Associated Mission Modules. 225 MH-60R Multi-Mission Helicopter. 247 MH-60S Multi-Mission Combat Support Helicopter. 249 Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps. 253 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base). 255 MObile User Objective System (MUOS). 259 MQ-4C Triton Unmanned Aircraft System (UAS). 261 Multi-Static Active Coherent (MAC) System (MUS). 263 MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 269 Remote Minehunting System (RMS). 273 Rolling Airframe Missile (RAM) Block 2. 281 RQ-21A Blackjack Unmanned Aircraft System (UAS). 283 Ship-to-Shore Connector (SSC). 293 Sml 74 Virginia Class Submarine. 295 Standard Missile- 6 (SM-6). 299 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 Sml 74 Virginia Class Submarine. 295 Standard Missile- 6 (SM-6). 299 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT). 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 307 Air Force Programs AC-130 Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AF DCGS). 321 CV-22 Osprey. 325	F/A-18E/F Super Hornet and EA-18G Growler	201
H-1 Upgrades – U.S. Marine Corps Upgrade to AH-1Z Attack Helicopter and UH-1Y Utility Helicopter Infrared Search and Track (IRST) 205 Infrared Search and Track (IRST) 206 Integrated Defensive Electronic Countermeasures (IDECM) 207 Joint High Speed Vessel (JHSV) (Expeditionary Fast Transport) 218 Joint Standoff Weapon (JSOW) 219 Light As New Amphibious Assault Ship (formerly LHA(R)) 219 Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM) 223 Littoral Combat Ship (LCS) and Associated Mission Modules 225 MH-60R Multi-Mission Combat Support Helicopter 247 MH-60S Multi-Mission Combat Support Helicopter 249 Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps 253 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base) 255 Mobile User Objective System (MUOS) 260 MQ-4C Triton Unmanned Aircraft System (UAS) 261 Multi-Static Active Coherent (MAC) System 263 MV-22 Osprey 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA) 269 Remote Minehunting System (RMS) 273 Rolling Airframe Missile (RAM) Block 2 281 RQ-21A Blackjack Unmanned Aircraft System (UAS) 283 Ship Self Defense for LHA(R) 284 RQ-21A Blackjack Unmanned Aircraft System (UAS) 285 Ship-to-Shore Connector (SSC) 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS) 293 SSN 774 Virginia Class Submarine 295 Surface Electronic Warfare Improvement Program (SEWIP) Block 2 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs Ac-130] Ghostrider 308 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 325	Global Combat Support System – Marine Corps (GCSS-MC)	203
Integrated Defensive Electronic Countermeasures (IDECM)		
Integrated Defensive Electronic Countermeasures (IDECM)	Infrared Search and Track (IRST)	207
Joint High Speed Vessel (JHSV) (Expeditionary Fast Transport)	Integrated Defensive Electronic Countermeasures (IDECM)	209
Joint Standoff Weapon (JSOW)		
LHA 6 New Amphibious Assault Ship (formerly LHA(R)). Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM). 223 Littoral Combat Ship (LCS) and Associated Mission Modules. 224 MH-60R Multi-Mission Helicopter. 225 MH-60R Multi-Mission Combat Support Helicopter. 226 Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps. 227 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base). 227 Mobile User Objective System (MUOS). 228 MQ-4C Triton Unmanned Aircraft System (UAS). 239 MQ-4C Triton Unmanned Aircraft System (UAS). 240 Multi-Static Active Coherent (MAC) System. 241 Multi-Static Active Coherent (MAC) System. 242 MV-22 Osprey. 243 MV-22 Osprey. 244 Multi-Mission Maritime Aircraft (MMA). 245 MV-22 Osprey. 246 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 247 Remote Minehunting System (RMS). 248 RQ-21A Blackjack Unmanned Aircraft System (UAS). 258 Mip Self Defense for LHA(R). 259 SNN 74 Virginia Class Submarine. 259 Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 291 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 293 SNN 74 Virginia Class Submarine. 295 Standard Missile-6 (SM-6). 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 301 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 302 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 304 Air Force Programs AC-130J Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AF DCGS). 317 Air Operations Center – Weapon System (AOC-WS). 321 CV-22 Osprey.		
Light Armored Vehicle – Anti-Tank Modernization (LAV-ATM)		
Littoral Combat Ship (LCS) and Associated Mission Modules MH-60R Multi-Mission Helicopter MH-60R Multi-Mission Combat Support Helicopter Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps 253 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base) 255 Mobile User Objective System (MUOS) MQ-4C Triton Unmanned Aircraft System (UAS) 261 Multi-Static Active Coherent (MAC) System 263 MV-22 Osprey 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA) 269 Remote Minehunting System (RMS) 273 Rolling Airframe Missile (RAM) Block 2 281 RQ-21A Blackjack Unmanned Aircraft System (UAS) Ship Self Defense for LHA(R) Ship-to-Shore Connector (SSC) 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS) 293 SSN 774 Virginia Class Submarine 295 Standard Missile-6 (SM-6) 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2 301 Surface Electronic Warfare Improvement Program (SEWIP) Block 2 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs AC-130] Ghostrider 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 325		
MH-60R Multi-Mission Helicopter		
MH-60S Multi-Mission Combat Support Helicopter Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps 253 Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base). 255 Mobile User Objective System (MUOS). 259 MQ-4C Triton Unmanned Aircraft System (UAS). 261 Multi-Static Active Coherent (MAC) System. 263 MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 269 Remote Minehunting System (RMS). 273 Rolling Airframe Missile (RAM) Block 2 281 RQ-21A Blackjack Unmanned Aircraft System (UAS). 287 Ship-to-Shore Connector (SSC). 288 Ship Self Defense for LHA(R). 287 Ship-to-Shore Connector (SSC). 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 SSN 774 Virginia Class Submarine. 295 Standard Missile-6 (SM-6). 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT). 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 307 Air Force Programs AC-130] Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AF DCGS). 317 Air Operations Center – Weapon System (AOC-WS). 325		
Mine Resistant Ambush Protected (MRAP) Family of Vehicles (FoV) – Marine Corps Mobile Landing Platform (MLP) Core Capability Set (CCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base). Staging Base (AFSB) (Expeditionary Mobile Base). 255 Mobile User Objective System (MUOS). MQ-4C Triton Unmanned Aircraft System (UAS). 261 Multi-Static Active Coherent (MAC) System. 263 MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 269 Remote Minehunting System (RMS). 273 Rolling Airframe Missile (RAM) Block 2. 281 RQ-21A Blackjack Unmanned Aircraft System (UAS). 283 Ship Self Defense for LHA(R). 287 Ship-to-Shore Connector (SSC). 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 SSN 774 Virginia Class Submarine. 295 Standard Missile-6 (SM-6). 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT). 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 307 Air Force Programs AC-130] Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AP DCGS). 317 Air Operations Center – Weapon System (AOC-WS). 325		
Mobile Landing Platform (MLP) Core Capability Set (ČCS) (Expeditionary Transfer Dock) and Afloat Forward Staging Base (AFSB) (Expeditionary Mobile Base)		
Staging Base (AFSB) (Expeditionary Mobile Base). 255 Mobile User Objective System (MUOS). 259 MQ-4C Triton Ummanned Aircraft System (UAS). 261 Multi-Static Active Coherent (MAC) System. 263 MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 269 Remote Minehunting System (RMS). 273 Rolling Airframe Missile (RAM) Block 2. 281 RQ-21A Blackjack Ummanned Aircraft System (UAS). 283 Ship Self Defense for LHA(R). 287 Ship-to-Shore Connector (SSC). 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 SSN 774 Virginia Class Submarine. 295 Standard Missile-6 (SM-6). 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT). 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 307 Air Force Programs AC-130J Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AOC-WS). 321 CV-22 Osprey. 325	· · · · · · · · · · · · · · · · · · ·	
Mobile User Objective System (MUOS)		255
MQ-4C Triton Unmanned Aircraft System (UAS)		
Multi-Static Active Coherent (MAC) System		
MV-22 Osprey. 267 P-8A Poseidon Multi-Mission Maritime Aircraft (MMA). 269 Remote Minehunting System (RMS). 273 Rolling Airframe Missile (RAM) Block 2. 281 RQ-21A Blackjack Unmanned Aircraft System (UAS). 283 Ship Self Defense for LHA(R). 287 Ship-to-Shore Connector (SSC). 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 SSN 774 Virginia Class Submarine. 295 Standard Missile-6 (SM-6). 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT). 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 307 Air Force Programs AC-130J Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AF DCGS). 317 Air Operations Center – Weapon System (AOC-WS). 325		
P-8A Poseidon Multi-Mission Maritime Aircraft (MMA)		267
Remote Minehunting System (RMS)	P-8A Poseidon Multi-Mission Maritime Aircraft (MMA)	269
Rolling Airframe Missile (RAM) Block 2 281 RQ-21A Blackjack Unmanned Aircraft System (UAS) 283 Ship Self Defense for LHA(R) 287 Ship-to-Shore Connector (SSC) 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS) 293 SSN 774 Virginia Class Submarine 295 Standard Missile-6 (SM-6) 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs AC-130J Ghostrider 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325		
RQ-21A Blackjack Unmanned Aircraft System (UAS)		
Ship Self Defense for LHA(R). 287 Ship-to-Shore Connector (SSC). 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 SSN 774 Virginia Class Submarine. 295 Standard Missile-6 (SM-6). 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2. 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT). 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar. 307 Air Force Programs AC-130J Ghostrider. 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System. 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM). 315 Air Force Distributed Common Ground System (AF DCGS). 317 Air Operations Center – Weapon System (AOC-WS). 321 CV-22 Osprey. 325		
Ship-to-Shore Connector (SSC) 291 Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS) 293 SSN 774 Virginia Class Submarine 295 Standard Missile-6 (SM-6) 299 Surface Electronic Warfare Improvement Program (SEWIP) Block 2 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs AC-130J Ghostrider 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325		
Small Surface Combatant (SSC) Modification to the Littoral Combat Ship (LCS). 293 SSN 774 Virginia Class Submarine		
Standard Missile-6 (SM-6)		
Standard Missile-6 (SM-6)	SSN 774 Virginia Class Submarine	295
Surface Electronic Warfare Improvement Program (SEWIP) Block 2 301 Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs AC-130J Ghostrider 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325		
Surface Ship Torpedo Defense (SSTD) System: Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo (CAT) 303 Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar 307 Air Force Programs AC-130J Ghostrider	Surface Electronic Warfare Improvement Program (SEWIP) Block 2	301
Air Force Programs AC-130J Ghostrider 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325		
AC-130J Ghostrider Advanced Extremely High Frequency (AEHF) Satellite Communications System AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) Air Force Distributed Common Ground System (AF DCGS) Air Operations Center – Weapon System (AOC-WS) CV-22 Osprey 309 317 318 319 319 321	Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) Sonar	307
AC-130J Ghostrider 309 Advanced Extremely High Frequency (AEHF) Satellite Communications System 313 AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325	Air Force Programs	
Advanced Extremely High Frequency (AEHF) Satellite Communications System		309
AIM-120 Advanced Medium-Range Air-to-Air Missile (AMRAAM) 315 Air Force Distributed Common Ground System (AF DCGS) 317 Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325		
Air Force Distributed Common Ground System (AF DCGS)317Air Operations Center – Weapon System (AOC-WS)321CV-22 Osprey325		
Air Operations Center – Weapon System (AOC-WS) 321 CV-22 Osprey 325		
CV-22 Osprey		
Defense Enterprise Accounting and Management System (DEAMS) 327		
Defense Diterprise Recounting and Management Dystem (DDMM)	Defense Enterprise Accounting and Management System (DEAMS)	327
F-22A Advanced Tactical Fighter 331		
Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) 335		

KC-46A	337
Massive Ordnance Penetrator (MOP)	341
Miniature Air-Launched Decoy (MALD) and MALD- Jammer (MALD-J)	
MQ-9 Reaper Armed Unmanned Aircraft System (UAS)	345
QF-16 Full-Scale Aerial Target (FSAT)	
RQ-4B Global Hawk High-Altitude Long-Endurance Unmanned Aerial System (UAS)	
Small Diameter Bomb (SDB) II	
Ballistic Missile Defense Programs	
Ballistic Missile Defense System (BMDS)	357
Aegis Ballistic Missile Defense (Aegis BMD)	
Command and Control, Battle Management, and Communications (C2BMC) System	
Ground-Based Midcourse Defense (GMD)	371
Terminal High-Altitude Area Defense (THAAD) and AN/TPY-2 Radar (Forward-Based Mode)	
Live Fire Test and Evaluation (LFT&E)	377
Cybersecurity	389
Test and Evaluation Resources	397
Joint Test and Evaluation (JT&E)	411
Center for Countermeasures (CCM)	419
Index	425