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REPROGRAMMING ACTION - INTERNAL

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Subject: Intelligence, S	Surveillance, and Reconnaissance Request	DoD Serial Number:
Appropriation Title: Va	rious Appropriations	FY 19-17 IR
		Includes Transfer?
		Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Program Previously Congressional Action Approved by Sec Def					ming Action	Revised	Program
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	с	d	e	f	g	h	i

This reprogramming action transfers \$247.258 million from the funding appropriated in section 9018 of Title IX Overseas Contingency Operations (OCO) of division A of Public Law 115-245, the Department of Defense (DoD) Appropriations Act, 2019, to various Defense appropriations for execution in FY 2019. The reprogramming improves the Intelligence, Surveillance, and Reconnaissance (ISR) capabilities of the DoD by addressing Combatant Command (COCOM) ISR gaps. These actions are determined to be necessary in the national interest. This reprogramming action meets all administrative and legal requirements, and none of these items have previously been denied by the Congress. Some adjustments in this reprogramming impact the Military Intelligence Program (MIP). It also realigns \$22.5 million of FY 2018 funding appropriated in section 9017 of Title IX Overseas Contingency Operations of division C of Public Law 115-215, the Department of Defense (DoD) Appropriations Act, 2018 and previously transferred to the defense-wide procurement appropriation

<u>Part I</u> of this reprogramming transfers \$59.444 million from the Operation and Maintenance, Defense-Wide, 19/19, appropriation to various Components' FY 2019 Title IX OCO Operation and Maintenance appropriations. This reprogramming action uses \$59.444 million of special transfer authority pursuant to section 9018 of division A of Public Law 115-245, the DoD Appropriations Act, 2019.

<u>Part II</u> of this reprogramming transfers \$187.814 million from the Operation and Maintenance, Defense-Wide, 19/19, appropriation to various Components' FY 2019 Title IX OCO Procurement appropriations. This reprogramming action uses \$187.814 million of special transfer authority pursuant to sections 9002 and 9018 of division A of Public Law 115-245, the DoD Appropriations Act, 2019.

<u>Part III</u> of this reprogramming realigns \$22.5 million within the Procurement, Defense-Wide, 18/20, appropriation.

Approved (Signature and Date)

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JUN 2 1 2019

Subject: Intelligence, Surveillance, and Reconnaissance Request	DoD Serial Number:
Appropriation Title: Various Appropriations	FY 19-17 IR
	Includes Transfer?
	Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Program Previously Reprogramming Action Revised Program Congressional Action Approved by Sec Def							
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i

PART I

FY 2019 REPROGRAMMING INCREASE:		+59,444	
ARMY INCREASES		<u>+7,900</u>	
Operation and Maintenance, Army, 19/19		<u>+7,900</u>	
Budget Activity 01: Operating Forces 40.717.232	40.717.232	+1.300	40,718,532

<u>Explanation</u>: Funding will be used to deploy a secure bilateral network to share intelligence, surveillance and reconnaissance (ISR) with strategic partners in a COCOM area of responsibility. This is an OCO budget requirement.

Budget Activity 04: Administration & Servicewide Activities

11,930,584 11,930,584

+6,600 11,937,184

Explanation: Funds are required for the following efforts:

- \$+2.4 million to complete installation of software for post-mission analytical capabilities across various theater tactical operations centers (TOCs) and mobile tactical operations centers (MTOCs). This is a **MIP project**. This is an OCO budget requirement.
- \$+4.2 million to provide a 24/7 GEOINT analyst exploitation capability for target development efforts in a COCOM area of responsibility. Federated processing, exploitation, and dissemination capabilities cannot cope with the current volume of production requests nor can they support the timely execution of operations to meet the commander's operational objectives. This is a MIP project. This is an OCO budget requirement.

NAVY INCREASES		<u>+6,240</u>	
Operation and Maintenance, Navy, 19/19		<u>+6,240</u>	
Budget Activity 01: Operating Forces 46.057.511	46,057,511	+4,640	46,062,151

Explanation: Funds are required for the following efforts:

• \$+1.74 million to operate and maintain equipment to collect and process emissions from platforms operating beyond line-of-site at key afloat nodes. This capability will provide a low-cost government-off-the-shelf (GOTS) solution that enables shipboard collection and processing in near real time while fully integrating with the national mission office. This is a **MIP project**. This is an OCO budget requirement.

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REPROGRAMMING ACTION – INTERNAL

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Subject: Intelligence, Surveillance, and Reconnaissance Request Appropriation Title: Various Appropriations	DoD Serial Number: FY 19-17 IR
repropriation ratio as reppropriations	Includes Transfer? Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Program Previously Reprogramming Action Revised Program Congressional Action Appropriate Program Previously Reprogramming Action Revised Program							
	Congressional Action Approved by Sec Def							
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i

- \$+1.0 million to install full motion video (FMV) artificial intelligence/machine language capabilities in UAV Tactical Operation Centers, to sustain an increased ISR deployed capability in support of COCOMs. This is a MIP project. This is an OCO budget requirement.
- \$\displaystyle=1.9 million to operate and maintain artificial intelligence capabilities that enhance the ability to conduct ISR missions, and to increase the lethality of platforms by enabling faster and better decision-making. This is a **MIP project**. This is an OCO budget requirement.

Budget Activity 04: Administration and Servicewide Activities

4.199,990

4,199,990

+1.600

4,201,590

<u>Explanation</u>: Funds will be used to operate and maintain enhanced maritime monitoring systems (EMMS) containerized sensor units in a COCOM area of responsibility. This is a **MIP project**. This is an OCO budget requirement.

AIR FORCE INCREASES

 $\pm 13,780$

Operation and Maintenance, Air Force, 19/19

+13,780

Budget Activity 01: Operating Forces

40.540.105

40.540.105

+13,780

40,553,885

Explanation: Funds are required for the following efforts:

- \$+1.5 million to operate and maintain upgraded artificial intelligence and machine language processors to increase machine-assisted pattern of life analytics. This capability also includes visual, audio, and text into machine learning analytics. This is a MIP project. This is an OCO budget requirement.
- \$+6.0 million to support user interface and user experience (UI/UX) improvements, new algorithm installation, and engineering support for software that enables target recognition, target cueing, and precision geo-coordination to PED centers. This is a MIP project. This is an OCO budget requirement.
- \$+6.28 million to operate and maintain an existing airborne ground processing framework for a COCOM. This is a **MIP project**. This is an OCO budget requirement.

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REPROGRAMMING ACTION – INTERNAL

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Subject: Intelligence, Surveillance, and Reconnaissance Request	DoD Serial Number:
Appropriation Title: Various Appropriations	FY 19-17 IR
	Includes Transfer?
	Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Congressional Action Program Previously Approved by Sec Def				Reprogram	ming Action	Revised	Program
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
а	b	С	d	e	f	g	h	i

DEFENSE-WIDE INCREASES

+31,524

Operation and Maintenance, Defense-Wide, 19/19

+31,524

Special Operations Command

Budget Activity 01: Operating Forces

8,974,504

8,974,504

+22,750

8,997,254

Explanation: Funds are required for the following efforts:

- \$+2.05 million to install a SIGINT system into an aircraft and to perform lifecycle sustainment with upgrades to a ground SIGINT system. This is an OCO budget requirement.
- \$\\$+13.2 million to sustain a contractor team which is replacing a deployed active-duty MQ-9 launch and recovery crew. Effort will allow an expeditionary launch and recovery element to maintain alert shifts to be prepared for a rapid deployment requirement to stand up launch and recovery in an area of responsibility. This is an OCO budget requirement.
- \$+6.0 million to install artificial intelligence and machine learning software for a COCOM PED enterprise. This is an OCO budget requirement.
- \$+1.5 million to install and sustain a group of modernized and optimized ISR systems for existing COCOM maritime platforms. This is an OCO budget requirement.

Classified Programs

Budget Activity 04: Administration and Servicewide Activities

+8.774

Explanation: Funds are required for the following efforts:

- \$+1.474 million to sustain ten system processors providing critical PED nodes that maintain airborne ISR capability for end users, especially in a degraded communications environment. This is a **MIP project**. This is an OCO budget requirement.
- \$+3.5 million to rapidly meet and sustain theater deliberate planning, allied engagement and exercise requirements for a COCOM. This is a **MIP project**. This is an OCO budget requirement.
- \$+3.8 million to operate and maintain geospatial content and GEOINT visualization, discovery, and analysis applications to support a COCOM. These applications and content will provide basic data and services for combined analytical activities, ensure necessary linkages to the processes and capabilities on relevant U.S. networks, and transmit ISR data in near-real-time. This is a MIP project. This is an OCO budget requirement.

Defense-Wide

Public Law 115-245, Sec 9018

268,964

Subject: Intelligence, Surveillance, and Reconnaissance Request Appropriation Title: Various Appropriations						DoD Serial Number: FY 19-17 IR		
repropriation 1000 , 5000	*21. *PP. °P.	14012012					Includes T Yes	
Component Serial Number:	omponent Serial Number: (Amounts in Thousands of Dollars)							
	,	Program Base Reflecting Program Previously Reprogramming Ac Congressional Action Approved by Sec Def		ming Action	n Revised	l Program		
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amoun	t Quantity	Amount
a	b	с	d	ė	f	g	h	i
FY 2019 REPROGRAM	FY 2019 REPROGRAMMING DECREASE: -59,4						44	
<u>DEFENSE-WIDE DECREASE</u>						<u>-59,4</u>	<u>44</u>	
Operation and Mainter	Operation and Maintenance, Defense-Wide, 19/19						<u>44</u>	

<u>Explanation</u>: Funds are available for transfer under section 9018 of the DoD Appropriations Act, 2019, provided additional funds to improve the intelligence, surveillance, and reconnaissance capabilities of the DoD. This is Title IX OCO budget funding.

328,408

-59,444

PART II

FY 2019 REPROGRAMMING INCREASES:		<u>+187,814</u>	
ARMY INCREASES		+23,090	
Other Procurement, Army, 19/21 Budget Activity 02: Communications & Electronics I	<u>Equipment</u>	<u>+23,090</u>	
Counterintelligence and Security Countermeasures 12.974	12,974	+16,580	29,554

Explanation: Funds are required for the following efforts:

Budget Activity 04: Administration and Servicewide Activities

500,000

- \$+11.4 million to deploy a secure bilateral network to share ISR with strategic partners in a COCOM area of responsibility. A secure bilateral ISR sharing network mitigates shortfalls in collaborative ISR sharing capabilities. This is a **MIP project**. This is an OCO budget requirement.
- \$+4.0 million to equip one manned, contractor owned/contractor operated (COCO) ISR aircraft with sensors. The suite of sensors was engineered to collect specific sets of signals, the exploitation of which will further the missions of a COCOM. This is a **MIP project**. This is an OCO budget requirement.
- \$+1.180 million to acquire mobile and tactical Signals Intelligence (SIGINT) equipment to support collection requirements in a COCOM area of responsibility. The total cost of this new effort is \$1.18 million (FY2019, \$1.18 million). This is a **MIP project**. This is an OCO budget requirement.

46,110

330.758

+14,003

+4.100

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Subject: Intelligence, Su	rveillance, and Reconnaissance Request	DoD Serial Number:
Appropriation Title: Vari	ous Appropriations	FY 19-17 IR
	** *	Includes Transfer?
		Yes

Component Serial Number:			(A	mounts in Tho	nusands of Dolla	irs)			
Line Item				Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
a	b	c	d	e	f	g	h	ì	
DCGS-A (MIP)		291.760		291.760	1	+6.510		298 270	

Explanation: Funds will be used for a manned ISR system architecture to support deployment of an ISR asset. This is a MIP project. This is an OCO budget requirement.

NAVY INCREASES +22,328

Other Procurement, Navv, 19/21

Budget Activity 02: Communications & Electronics Equipment

Cryptologic Communications Equipment

Tactical/Mobile C4I Systems

19.009 19.009 +4.003 23.012

Explanation: Funds are required for the following efforts:

- \$\frac{\$+1.560}{} \text{ million to procure a low-cost Government-Off-The-Shelf (GOTS) solution that enables shipboard collection and processing at key afloat nodes. This is a MIP project. This is an OCO budget requirement.
- \$+0.563 million to procure a maritime intelligence system that provides 24/7 ISR in the maritime domain for a COCOM, providing indications and warning for deployed units afloat. This is a MIP project. This is an OCO budget requirement.
- \$\pm\$+1.88 million to procure collection equipment and associated antennas. These sensors will be deployed to a COCOM area of responsibility and will feed the Navy's remote operation architecture and national geolocation PED network. This is a MIP project. This is an OCO budget requirement.

42,010

Explanation: Funds are required for the following efforts:

- \$\displaystyle \text{\$\frac{1}{2}}\$ million to procure artificial intelligence and machine language hardware systems to be installed at Tactical Mobile sites across several COCOMs. This is an OCO budget requirement.
- \$\\$+3.0 million to procure artificial intelligence and machine language systems to be installed at command centers across several COCOMs. This is an OCO budget requirement.

SSN Acoustic Equipment 328,658 +2.100328.658

42,010

Explanation: Funds will be used to install artificial intelligence and machine learning appliances to augment data management and High-Performance Computing (HPC) capabilities. This is an OCO budget requirement.

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REPROGRAMMING ACTION – INTERNAL

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Subject: Intelligence, Surveillance, and Reconnaissance Request	DoD Serial Number:
Appropriation Title: Various Appropriations	FY 19-17 IR
	Includes Transfer?
	Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Base Reflecting Program Previously Reprogramming Action Revise Congressional Action Approved by Sec Def					Program		
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
а	b	c	d	e,	f	g	h	i

Budget Activity 07: Personnel and Command Support Equipment

Naval MIP Support Equipment

1.984

1.984

 ± 3.800

5,784

<u>Explanation</u>: Funds will be used to procure two Enhanced Maritime Monitoring Systems (EMMS) containerized sensor units. This capability enables critical intelligence activities by providing the warfighter with near real-time access to multi-intelligence collection. This is a **MIP project**. This is an OCO budget requirement.

Aircraft Procurement, Nav	y, 19/21		<u>+5,200</u>	
Budget Activity 04: Other A	ircraft			
STUASLO UAV	46,931	46,931	+5,200	52,131

<u>Explanation</u>: Funds will be used to install upgraded artificial intelligence and machine language hardware into legacy ground control systems for a COCOMs Tactical Unmanned Aerial Vehicles (TUAVs). This capability provides for new processor and encoder installation, engineering, and support. This is a **MIP project**. This is an OCO budget requirement.

Procurement, Marine Corps, 19/21			<u>+3,125</u>	
Budget Activity 04: Commun	nications & Electronics	s Equipment		
DCGS-MC	16,081	16,081	+3,125	19,206

<u>Explanation</u>: Funds will be used to procure four sets of hardware and software required for the inclusion of artificial intelligence and machine learning capabilities into U.S. Marine Corps (USMC) PED nodes at multiple locations. This is a **MIP project**. This is an OCO budget requirement.

AIR FORCE INCREASES		<u>+51,600</u>		
Aircraft Procurement, Air Fo		C.	<u>+36,400</u>	
Budget Activity 05: Modificat	on of in-Service Airci	<u>rart</u>		
MQ-9 UAS Payloads	16,000	16,000	+7,000	23,000

<u>Explanation</u>: Funds will be used to procure hardware for artificial intelligence and machine learning algorithm installation at five tether sites as well as processor upgrades to a wide-area surveillance sensor system. This capability enables target recognition, target cueing, and precision geo-coordination to PED centers. This is a **MIP project**. This is an OCO budget requirement.

Unclassified

REPROGRAMMING ACTION - INTERNAL

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Subject: Intelligence, Su	rveillance, and Reconnaissance Request	DoD Serial Number:
Appropriation Title: Vari	ous Appropriations	FY 19-17 IR
	• •	Includes Transfer?
		Yes

Component Serial Number:			(2	Amounts in Tho	usands of Doll	ars)		
	Program Ba Congressio			Previously Reprogra		ming Action	Revised Program	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i
MO-9 Mods		171.548		171.548		+18,400		189.948

<u>Explanation</u>: Funds will be used for a modular collection capability to increase a COCOM's ability to find and characterize enemy networks to mitigate current collection shortfalls. This is an OCO budget requirement

U-2 Mods 56,674 56,674 +11,000 67,674

Explanation: Funds will be used to procure and field ten system processors on the U-2 to fill identified ISR gaps in a COCOM. This is a **MIP project**. This is an OCO budget requirement.

Other Procurement, Air Force, 19/21 +15,200							
Budget Activity 04: Other	Base Maintenance & Su	pport Equipment					
DCGS-AF	378,437	378,437	+15,200	393,637			

<u>Explanation</u>: Funds are required to enhance higher capacity transport and resiliency to meet complex Indications and Warning (I&W) production timelines. This is a **MIP project**. This is an OCO budget requirement.

Procurement, Defense-Wide, 19/21 Budget Activity 01: Major Equipment Classified Programs +5,000

<u>Explanation</u>: Funds will be used to procure and install a cloud-enabled node in a COCOM to provide geospatial content and GEOINT visualization, discovery, and analysis applications to support a COCOM. These applications and content will provide basic data and services for combined analytical activities, ensure necessary linkages to the processes and capabilities on relevant U.S. networks, and transmit ISR data in near real time. This is a **MIP project**. This is an OCO budget requirement.

Classified Programs +6,860

<u>Explanation</u>: Funds will be used to procure communication devices to enable critical PED nodes to maintain ISR capability for end users in a degraded communication environment in a COCOM. This is a **MIP project**. This is an OCO budget requirement.

Subject: Intelligence, Surveillance, and Reconnaissance Request

Appropriation Title: Various Appropriations

FY 19-17 IR

Includes Transfer?

Yes

Component Serial Number:	(Amounts in Thousands of Dollars)							
	Program Ba Congression	se Reflecting onal Action	Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	Ċ	d	e	f	g	h	i

Budget Activity 02: Special Operations Command

Unmanned ISR

74,708

74,708

+18,600

93.308

<u>Explanation</u>: Funds will be used to procure a sensor pod capability for Unmanned Aircraft Systems (UAS). This investment includes the procurement of 24 wiring harnesses and 15 pods and required electronic assemblies. This is a **MIP project**. This is an OCO budget requirement.

MC-12

5.000

5,000

+18,900

23,900

<u>Explanation</u>: Funds will be used to procure, install and support a FMV sensor modification. The sensor modification will provide the ability to accomplish increased TTPs associated with tasked mission sets. This is a **MIP project**. This is an OCO budget requirement.

Operational Enhancements

453,572

453,572

+15,311

468,883

<u>Explanation</u>: Funds will be used to procure multiple airborne sensor capabilities on a variety of aircraft. This is an OCO budget requirement.

U-28

84,023

84.023

+21,700

105,723

<u>Explanation</u>: Funds will be used for U-28 near-term requirements. This is a **MIP project**. This is an OCO budget requirement.

Other Items <\$5M

119,427

119,427

+4,425

123.852

Explanation: Funds are required to acquire, certify, and deploy six Sensitive Compartmented Information Facility (SCIF) in direct support of ISR operations and intelligence activities supporting two COCOMs. One SCIF will support a COCOM's coalition PED efforts. The remainder will replace aging and noncompliant SCIFs to enable the processing of tactically collected information in another COCOM's area of responsibility, as well as the secure storage of the associated derived intelligence. This is an OCO budget requirement.

Unclassified

REPROGRAMMING ACTION – INTERNAL

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Subject: Intelligence, Surveillance, and Reconnaissance Request

Appropriation Title: Various Appropriations

FY 19-17 IR

Includes Transfer?

Yes

Component Serial Number:	(Amounts in Thousands of Dollars)								
	.0	se Reflecting onal Action	•	Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
a	b	c	d	e	f	g	.b	i	

FY 2019 REPROGRAMMING DECREASE:

-187,814

DEFENSE-WIDE DECREASE

-187,814

Operation and Maintenance, Defense-Wide, 19/19

-187,814

Defense-Wide

Budget Activity 04: Administration and Servicewide Activities

Public Law 115-245, Sec 9018

500,000 268,964

-187,814

81,150

<u>Explanation</u>: Funds are available for transfer under section 9018 of the DoD Appropriations Act, 2019, provided additional funds to improve the intelligence, surveillance, and reconnaissance capabilities of the DoD. This is Title IX OCO budget funding.

PART III

FY 2018 REPROGRAMMING INCREASE:

+22,500

DEFENSE-WIDE INCREASE

+22,500

Procurement, Defense-Wide, 18/20

+22,500

Budget Activity 02: Special Operations Command

Intelligence Systems

94.538

94.538

+12,952

107.490

<u>Explanation</u>: Funds will provide six government owned SIGINT sensors for use aboard Contractor-Owned, Contractor-Operated (COCO) OCO Airborne ISR systems for missions in a CCMD. This is a **MIP project**. This is an OCO budget requirement.

Underwater Systems

77.306

77,306

+6,500

83,806

<u>Explanation</u>: Funds will be used to procure a group of modernized and optimized ISR systems to provide multiple-discipline collection options in the maritime domain. This is an OCO budget requirement.

Other Items <\$5M

52,092

52,092

+3,048

55,140

<u>Explanation</u>: Funds will be used to acquire, certify, and deploy six SCIFs in direct support of ISR operations and intelligence activities supporting two COCOMs. One SCIF will support a COCOM's coalition PED efforts. The remainder will replace aging and non-compliant SCIFs to enable the processing of tactically collected information in another COCOM's area of responsibility, as well as the secure storage of the associated derived intelligence. This is an OCO budget requirement.

Unclassified

REPROGRAMMING ACTION – INTERNAL

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Subject: Intelligence, Surveillance, and Reconnaissance Request

Appropriation Title: Various Appropriations

DoD Serial Number:
FY 19-17 IR
Includes Transfer?
Yes

Cor	mponent Serial Number:	(Amounts in Thousands of Dollars)							
_		Program Ba Congressio	se Reflecting onal Action	Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
	Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
	a	b	c	d	e	f	g	h	î

FY 2018 REPROGRAMMING DECREASE: -22,500

<u>DEFENSE-WIDE DECREASE</u> <u>-22,500</u>

Procurement, Defense-Wide, 18/20 -22,500

Budget Activity 02: Special Operations Command

Intelligence Systems 94,538 107,490 **-22,500** 84,990

Explanation: Funds are available due to the decision to discontinue the originally planned SIGINT sensor effort funded with FY 2018 ISR Transfer Funds. This is a **MIP project**. This is an OCO budget requirement.