Mission: Provide and Sustain Command & Control, Communications and Intelligence Capabilities to the MAGTF.
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“No single activity in war is more important than command and control.” - MCDP 6

“C2 is a function of a commander’s ability to sense, make sense of, and act upon information. As a modern force, we must continue to put ourselves into position to gain all the possible advantages of networking.”

“We will seek to exploit all the advantages conferred by richly networked communications and attempt to deny those same advantages to the enemy.”

“The MAGTF must draw on the full portfolio of U.S. intelligence systems, including space-based assets, to build and maintain an accurate, current, and actionable operational knowledge base.” - MOC

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Total Efforts: 129

PfM CES Portfolio Overview

PM IS
Intelligence Systems

- EWS
  - CAP
  - CVRJ (V)2 (2.1 Band C)
  - CREW MEU Ph2
  - NG-CREW (F)
  - THOR III
  - VSI (E)

- SIGINT
  - CESASII
  - EMSOR
  - IFR
  - MCMS/DC
  - RREP 333 Mods
  - RREP FY14
  - TCAC 4.6/4.7
  - TPCS MPC Refresh
  - TPCS MPC Mods
  - TCS (F)

- SATCOM
  - GBS
  - SCI-COMMS HBSI-PT
  - LMST
  - Phoenix
  - SMART-T
  - SMART-T AEHF UG
  - SWAN/VSAT FoS L/M/S
  - VSAT-E

PM CS
Communications Systems

- Radars
  - AN/TPS-59 Sust.
  - AN/TPS-59 ADATR
  - AN/TPS-59 MLR
  - AN/TPS-59 Mode 5 IFF
  - AN/TPS-59 NFU
  - AN/TPS-59 TSTR
  - AN/TPS-63B Sust.
  - FMS (18 cases)

- EXCOMM
  - COMSEC (E)
  - DAGR
  - MGUE (F)
  - SPEED/NPM

- THC2
  - AN/TRC-170
  - AN/MRC-142B
  - AN/MRC-142C-R(F)
  - AN/MRC-142C
  - AN/MRC-142C Mod EOP
  - NGT
  - TEAMS
  - TSSR (E)
  - WPPL-D

- GR
  - HFR
  - IISR
  - MBR II
  - MCR FoS
  - NGFHR
  - SINGARAS (E)
  - THHR
  - THHR (V) 3
  - THHR-SVA

PM C2S
Command and Control Systems

- EMC2
  - NOTM GCV
  - NOTM-A Inc1
  - NOTM-A Inc2
  - NOTM-ITV

- CAE
  - CCC FoS
  - MARCIMS
  - MISO (F)
  - PAS

- JBC-P
  - JBC-P FoS
  - MCH
  - MCH-RFES
  - MCH-ECR

- C2IS
  - COC (V) 1-4 FoS
  - JTCW-C2PC
  - TCO-GCCS
  - TSOA

- THREM
  - NOTM GCV
  - NOTM (F)
  - A Inc1
  - NOTM (F)
  - A Inc2
  - NOTM
  - A Inc2
  - ITV

- S&T
  - Science & Technology

- Advanced Biometrics (IS)
- Antenna Electrocution (CS)
- BLoS Communications (CS)
- CEW (MCH*)
- Data & Transit Algorithms (CS)
- Data Interoperability Testing (1-time)
- EAITE (C2IS)
- GHub (C2IS)
- IA Resiliency & Multi-Level Security (C2S)
- JUNO (TBD)
- Low Probability of Intercept Communications (PM AFSS/PfM GCS)
- RAP (MCH)
- SCC (C2IS)

Identity Operations

- BAT
- BESD
- EFEC
- IDS-MC
- IDS-MC Inc2

Last Reviewed: Aug 2017. (E) indicates effort (not a program); (F) indicates future program
Areas Where Industry Can Help

3 Cyber Security
3 Reduce Size, Weight, and Power
3 Signature Management
3 Converging Capabilities
3 Reducing Costs
<table>
<thead>
<tr>
<th>Title</th>
<th>Planned RFP</th>
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<tbody>
<tr>
<td>MCH Hardware Procurement (Prototypes)</td>
<td>1QFY18</td>
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<tr>
<td>*MCH Hardware Procurement (Production)</td>
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<tr>
<td>JBC-P Hardware Refresh Procurement (US Army)</td>
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<tr>
<td>Command and Control Personal Computer (C2PC) (SW development/support)</td>
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<tr>
<td>Combat Operations Center (COC) Cross Domain Solution (CDS)</td>
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<tr>
<td>Tactical Services Oriented Architecture (TSOA) (SW development/support)</td>
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<tr>
<td>TSOA Science &amp; Technology (S&amp;T)/Office of Naval Research supported (TSOA connector development/Tactical Cloud/Compliance)</td>
<td>3QFY18 3QFY19 3QFY20 3QFY21</td>
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<td>NOTM-A Inc 2 Systems</td>
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<td>DDS-M Small Form Factor</td>
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<td>DDS-M IP Accelerator</td>
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<tr>
<td>DDS-M Refresh (Routers, Servers, Switches)</td>
<td>2QFY21 – 1QFY22</td>
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*MCH HW Procurement will not be a separate RFP, included in 1QFY18 RFP*
Program Manager Communications Systems (PM CS)
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<th>Year</th>
<th>Phase Key</th>
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<tr>
<td>2017</td>
<td>Technology Maturation &amp; Risk Reduction</td>
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<td>2018</td>
<td>Engineering Manufacturing &amp; Development</td>
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<td>2019</td>
<td>Production &amp; Deployment</td>
<td>NGT – LRIP/FRP/IOC</td>
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<td>VSAT Signal Entry Panel Mod</td>
<td>AN/MRC-142B Replacement</td>
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<td>2020</td>
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<td>AN/MRC-142C and WPPL-D Replacement</td>
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<td>VSAT-M(R)</td>
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<td>Next-Generation SATCOM</td>
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<td>MCHH- Procurement</td>
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<td>AN/TPS-59 Radar System Row Transmitter Technical Refresh</td>
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<td>AN/TPS-59 Radar System Mode 5 Level II / Mode S Integration</td>
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Phase Key:
- Green: Technology Maturation & Risk Reduction
- Blue: Engineering Manufacturing & Development
- Orange: Production & Deployment
- Brown: Operations and Support

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<td>NGT (FRP)</td>
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<td>AN/MRC-142B Replacement (LRIP)</td>
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<td>AN/MRC-142B Replacement (FOC)</td>
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<td>AN/MRC-142C/ WPPL Replacement (RFP)</td>
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<td>Signal Entry Panel Modification</td>
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<td>2QFY19</td>
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Program Manager Intelligence Systems (PM IS)

DCGS-MC
Distributed Common Ground/Surface System

T/HUMINT
Terrestrial/Human Intelligence

EWS
Electronic Warfare Systems

SIGINT
Signal Intelligence

IdOps
Identity Operations

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PM IS Business Opportunities

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<th>Phase Key</th>
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<th>2018</th>
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<tr>
<td>IDS-MC Increment II RFP</td>
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<tr>
<td>EFEC Increment II RFP</td>
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<td>IAS Advanced Analytics (AA)</td>
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<td>IAS Refresh</td>
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<td>DCGS Marine Corps GEOINT-Refresh (DCGS-R)</td>
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<td>CESAS II Production</td>
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<td>TPCS Components</td>
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<td>RREP Components</td>
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<td>Multi-Function Electronic Warfare</td>
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<tr>
<td>G-BOSS Tech Refresh</td>
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<td>G-BOSS Tech Refresh</td>
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<td>TRSS-Common Sensor Radio</td>
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<td>TRSS-Hand Held Program Monitor (HHPM)</td>
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