



**MARINE CORPS SYSTEMS COMMAND**  
HOME OF THE MARINE CORPS ACQUISITION PROFESSIONALS



**Ground Combat Element  
Systems**

# Joint Advanced Planning Brief for Industry (JAPBI)

LtCol Chris Madeline  
Program Manager  
Infantry Combat Equipment (PM ICE)

15 November 2017



## Agenda

- ▶ **MCSC New Organization**
  - **Force Structure Realignment (FSR)**
- ▶ **Mission – Vision – Priorities – Overarching Intent**
- ▶ **Areas Where Industry Can Help**



## **Enhance Marine Air Ground Task Force (MAGTF) alignment across product lines**

**“You begin with a deep understanding of the nature of the product you intend to acquire. The form of the program has to follow the function the program will perform: developing and acquiring a specific product. The nature of the product should be the most significant determiner of program structure.”**

**The Optimal Program Structure**

Frank Kendall

*Former Under Secretary of Defense for Acquisition, Technology, and Logistics*

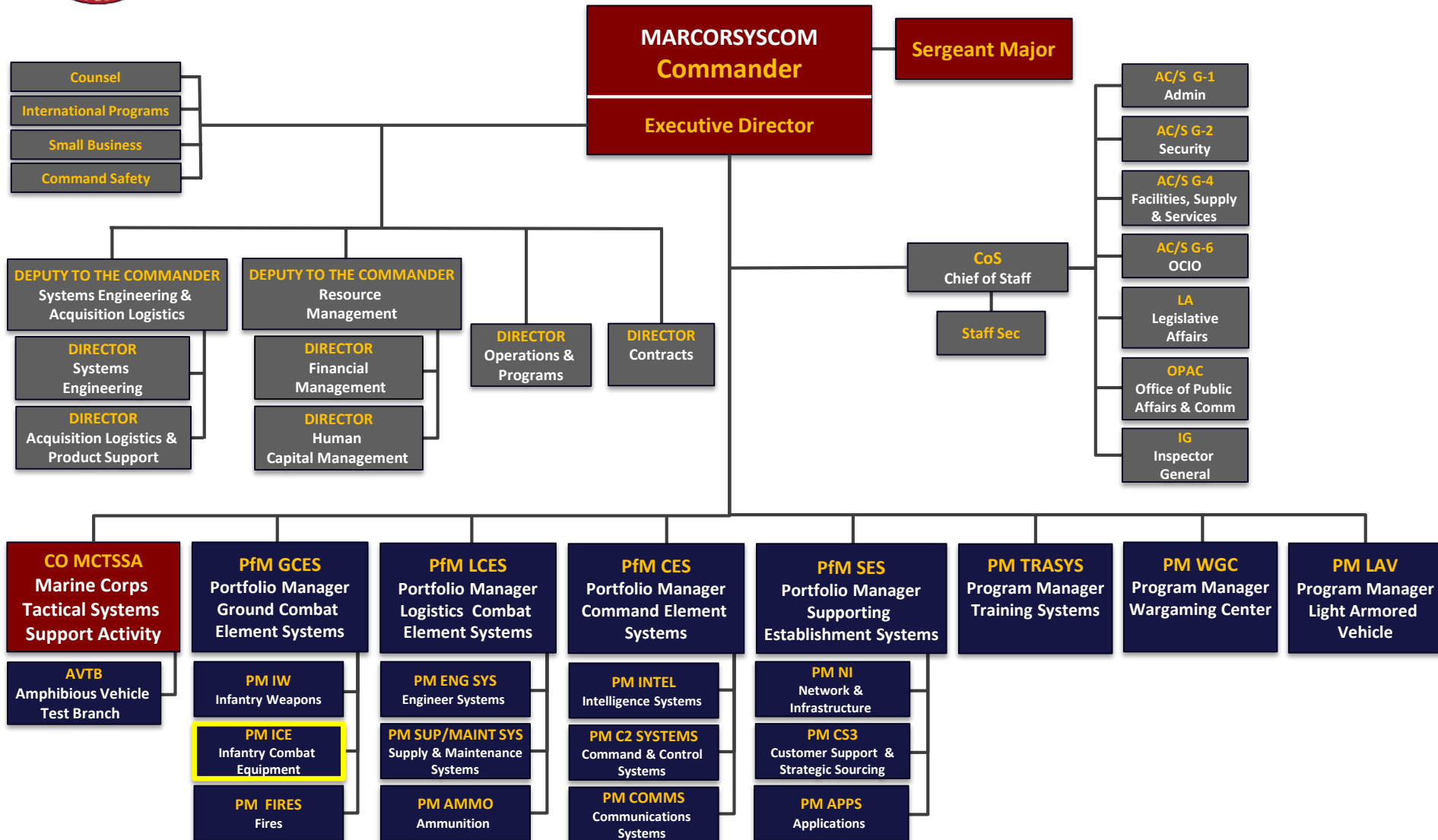
**We Produce MAGTF Products**



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## Organization Chart





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## Ground Combat Element Systems

**Program Manager (PM)**  
LtCol Christopher Madeline

**Deputy Program Manager (DPM)**  
Mr. Charles Parton

**Assistant Program Managers (APM)**  
Program Management – Mr. James Solomon  
Logistics – Mr. Wayne Bell  
Engineering – Mr. Karl Solomon  
Finance – Ms. Diana Wyatt  
Contracting – Ms. Peggy Smith

**TL Clothing and Equipment**  
Mr. Joseph Augustine

- Uniform Certification
- Marine Corps Combat Utility Uniform (MCCUU)
- Marine Corps Combat Boots
- Female Dress Blue Coat**
- USMC Frame and Cap
- Tropical Uniform & Boot**
- Enhanced Flame Resistant Combat Equipment (EFRCE)
- Fire Resistant Organizational Gear (FROG)
- Knee & Elbow pads
- Cold Weather Hydration Set (CWHHS)
- Collapsible Water Bag (CWB)
- E-Tool w/Carrier
- Marine Assault Climbers Kit (MACK)
- Marine Corps Cold Weather Infantry Kit (MCCWIK)
- Marine Corps Modular Snowshoes (MCMS)
- Marine Corps Utility Cutter (MCUC)
- Marine Corps Wire Cutter (MCWC)
- Mechanical Breachers Kit (MBK)
- Multi-Faith Chaplains Kit (MFCK)
- M9 Multipurpose Bayonet
- Multipurpose Compact Attachable Light (MCAL)
- Small Unit Expeditionary Stoves (SUES)
- Ultra High Intensity Miniature Illumination System
- Military Ski System (MSS)
- 3 Season Sleep System (3S)
- Improved Sleeping Mat (ISM)
- Enhanced Bed Net System (EBNS)
- Extreme Cold Weather Bag (ExCWb)
- All Purpose Environmental Clothing System (APECS)
- Hard Face Microfleece Coyote Cap
- Extreme Cold Weather Mitten System
- Extreme Cold Weather Suit (Parka, Trousers and Bootie)
- Lightweight Flame Resistant Cold Weather Undershirt and Drawers
- Lightweight Exposure Suit (LES)
- Snow Camouflage Parka, Trousers, and Pack Cover
- Mid-weight Flame Resistant Cold Weather Pullover Shirt and Drawers
- Combat Desert Jacket (CDJ)
- Intermediate Cold Weather Glove (ICWG)

**TL Individual Armor**  
Mr. Nicholas Pierce

- Enhanced Combat Helmet (ECH) (ACAT IV)**
- Enhanced Combat Vehicle Crewman's Helmet (ECVCH)
- Enhanced Small Arms Protective Insert (ESAPI)
- Full Spectrum Battle Equipment (FSBE) Individual Kit
- Improved Modular Tactical Vest (IMTV)
- Improved Load Bearing Equipment (ILBE) Pouches
- Lightweight Helmet (LWH)
- Modular Integrated Comm Helmet (MICH)
- Plate Carrier (PC) Generation III (PC Gen III)**
- Protective Outer Garment (POG)
- Protective Under Garment (PUG)
- USMC Chest Rig
- USMC Holster
- USMC Pack (Adjustable frame & Reinforced frame)
- USMC Sub-Belt
- Improved Ballistic Eyewear (IBE)
- Ballistic Hearing Protection/Enhancement**

**TL Amphibious Reconnaissance**  
Mr. John O'Brien

- Air Supply Rack Assembly (ASRA)
- Combat Diver Dry Suite (CDDS)
- Combat Diver Full Face Mask (CDDFM)
- Underwater Voice Comm (UVC)
- Combatant Diver Vest (CDV)
- Combat Rubber Raiding Craft (CRR)
- Diver Propulsion Device (DPD)
- Enhanced Diver Propulsion Device (E-DPD) (Pre-ACAT)
- Expeditionary Hyperbolic Chamber System (EHCS)
- Marine Assault Breacher Kit (MABK)
- Marine Individual Assault Kit (MIAK)
- Maritime Operations Suite (MOS)
- Non-gasoline Burning Outboard Engine (NBOE)
- Open Water Safety Craft (OWSC)
- Portable Compressor Diesel Driven (PCDD)
- Rapid Deployable Oxygen Transfer Pump system (RDOTPS)
- Transportable Recompression Chamber System (TRCS)
- MK-25 Underwater Breathing Apparatus (UBA)

**TL Air Reconnaissance**  
Maj Matthew Beck

- Aircraft Rigging Kit
- Container Delivery System (CDS)
- Cybernetic Parachute Release System (CYPRES)
- Drop Zone Kit
- Enhanced-Multi-Mission Parachute System (E-MMPS) (AAP)
- Heavy Equipment Air Delivery System (HEADS)
- High Altitude High Opening (HAHO) Parachutist Navigation System (PNS)
- Joint Parachute Airborne Delivery System (JPADS) 10K
- JPADS 2K-M/ULW
- Loft Sets
- Multi-Mission Parachute System (MMPS)
- Parachute High Altitude Oxygen System (PHAOs)
- Parachutist Individual Equipment Kit (PIEK)
- Personnel Parachute Systems
- Maneuverable Canopy 6 (MC-6) (AAP)
- Maneuverable Canopy (MC-7)
- Recon Modular Helmet Kit (RMHK)
- Tandem Offset Re-supply Delivery System (TORDS)
- G-11 & G-12 Cargo Parachutes

**PM's Overarching Intent**

- 1) Lighten the load
- 2) Design products with adjustability, modularity, and scalability for a better form, fit, and function for the 2% female Marine to the 98% male Marine
- 3) Maximize collaboration with other Services and leverage each others data, contracts, studies, etc. in order to field capability faster at less cost to taxpayers



## Our Mission

**Infantry Combat Equipment equips and sustains the Marine Corps with fully-integrated clothing and equipment, air and amphibious reconnaissance equipment, and body armor to increase the lethality of the Ground Combat Element. In partnership with our stakeholders, Infantry Combat Equipment executes the in-service support of fielded equipment to ensure readiness.**

## Our Vision

**Delivering equipment that provides an advantage in combat effectiveness and lethality.**

## Priorities

**Plate Carrier Gen III (PC Gen III)**

**Tropical Boots and Uniforms**

**Female Dress Blue Coat**

**Hearing Enhancement**



## **Areas Where Industry Can Help**

- ▶ **Plate Carrier Generation III (PC Gen III)**
  - RFP – 2<sup>nd</sup>/3<sup>rd</sup> Qtr FY18 (tentative)
- ▶ **Adjustable Pack Frame**
  - RFI – 1<sup>st</sup> Qtr FY19
- ▶ **Body armor/plates – Lighter & flexible**
- ▶ **Helmets – Improve suspension system (pads & straps)**
- ▶ **Uniforms**
  - Flame resistant fabrics
  - Shortwave infrared mitigation (SWIR)
- ▶ **Boots – Intermediate cold weather (20<sup>0</sup> F to -20<sup>0</sup> F)**
  - Suitable for skis and snowshoes
- ▶ **Hearing protection/enhancement (w/ sound localization)**
- ▶ **Knee and elbow pads**



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# Questions?



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