Marine Corps Combat Development and Integration

&

Marine Corps Combat Development Command

CD&I and MCCDC Organization and LOEs

DC, CD&I — LtGen Glueck
ADC, CD&I — MajGen O'Donnell

Deputy Commandant, Combat Development and Integration

Develop future operational concepts and determine how to best organize, train, educate, and equip the Marine Corps of the future

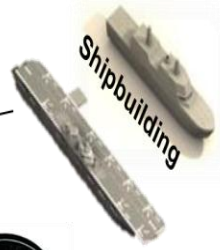
- **Futures** — BGen Killea — Futures Directorate
- **CDD** — BGen Mullen — Capabilities Development Directorate
- **SID** — GS15 Mr. Strock — Seabasing Integration Division
- **JCID** — Vacant — Joint Capabilities Integration Directorate
- **Analysis** — SES Dr Akst — Analysis Directorate

S&T and Experimentation

CG, MCCDC — LtGen Glueck
CG, TECOM — MajGen Lukeman

Commanding General, Marine Corps Combat Development Command

Training and Education



Ground Program Requirements

OSD/Joint Staff
Services
Combatant Commands
Defense Agencies

- **TCOM** — BGen Renforth — Training Command
- **EDCOM** — BGen Pratt — Education Command
- **MCRD, PI** — BGen Williams — Marine Corps Recruit Depot Parris Island
- **MCRD, SD** — BGen Bierman — Marine Corps Recruit Depot San Diego
- **MAGTFTC** — MajGen Craparotta — Marine Air Ground Task Force Training Command (29 Palms)

Deputy Commandant, Combat Development and Integration

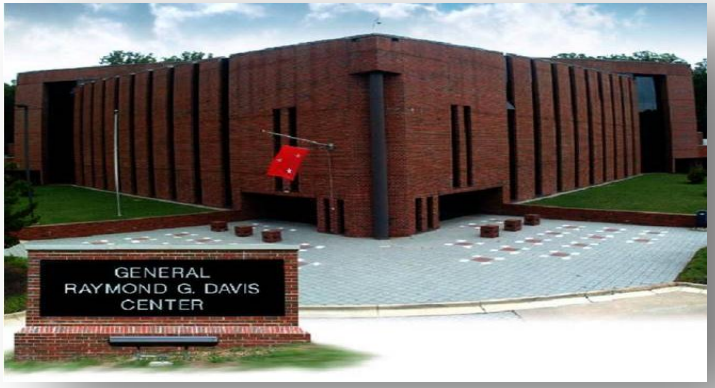
DC, CD&I
★★★
LtGen Glueck

ADC, CD&I
★★
MajGen O'Donnell

Develop future operational concepts and determine how to best organize, train, educate and equip the Marine Corps of the future.

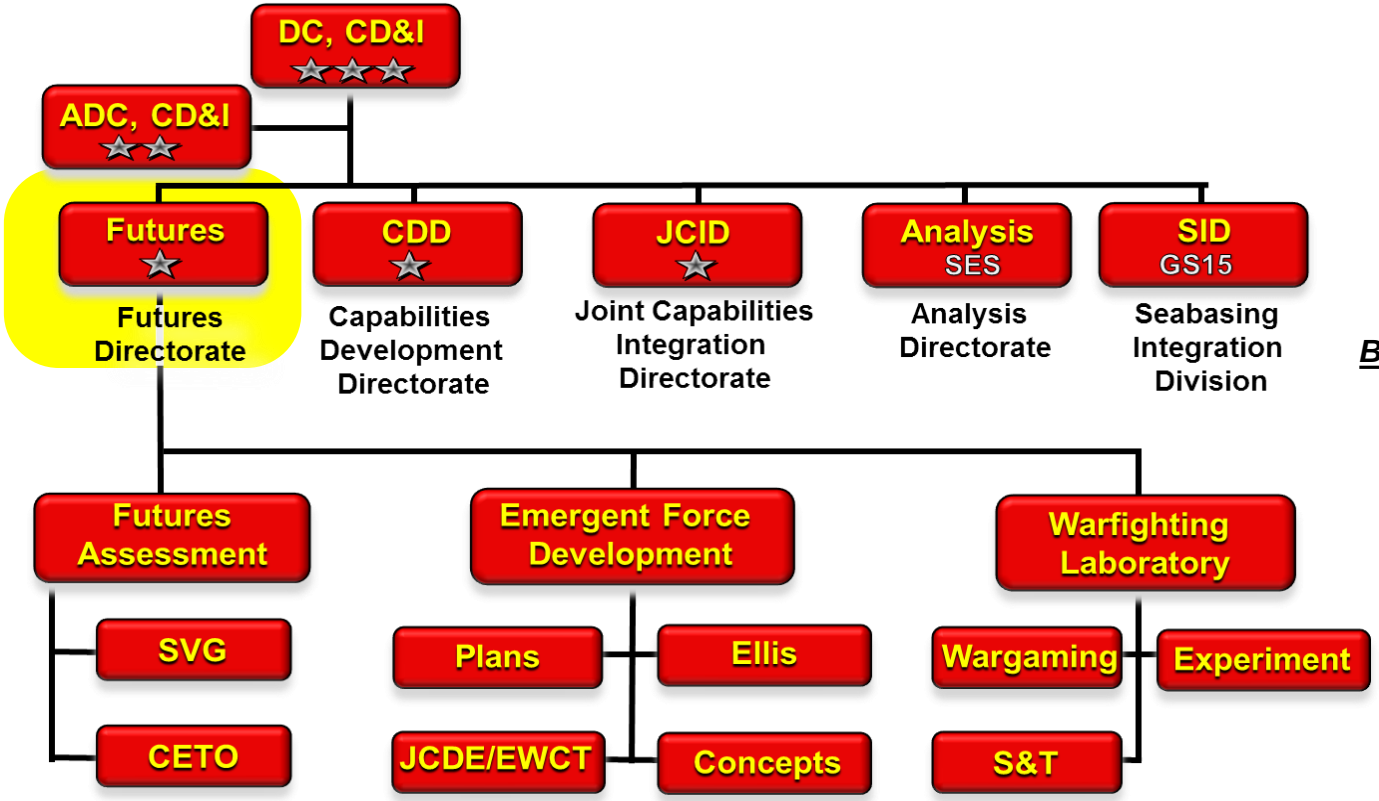
Futures	CDD	SID	JCID	Analysis
★	★	GS15	★	SES
BGen Killea	BGen Mullen	Mr. Strock	Vacant	Dr Akst
Futures Directorate	Capabilities Development Directorate	Seabasing Integration Division	Joint Capabilities Integration Directorate	Analysis Directorate

LtGen Kenneth J. Glueck
Deputy Commandant, Combat Development and Integration



- ✓ Assess strategic landscape and translate vision into capability
- ✓ Produce solutions for capability gaps
- ✓ Joint integrator for combat development
- ✓ Develop and evaluate of innovative concepts and technologies
- ✓ Integrate processes to organize, train and equip

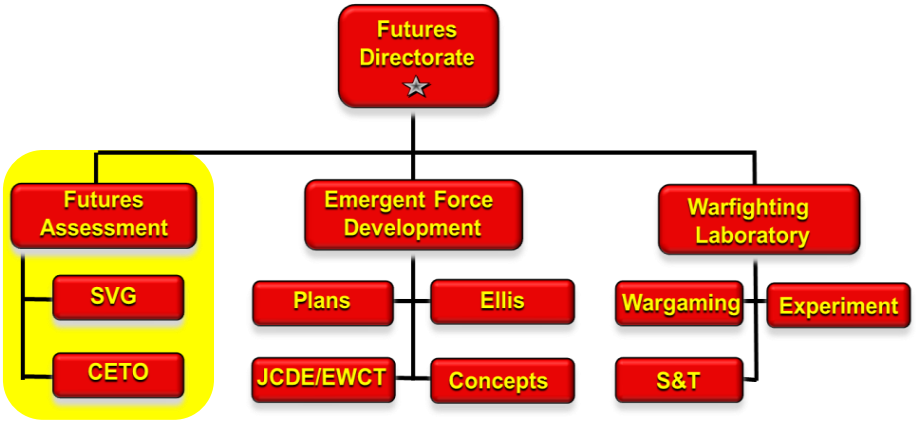
Futures Directorate

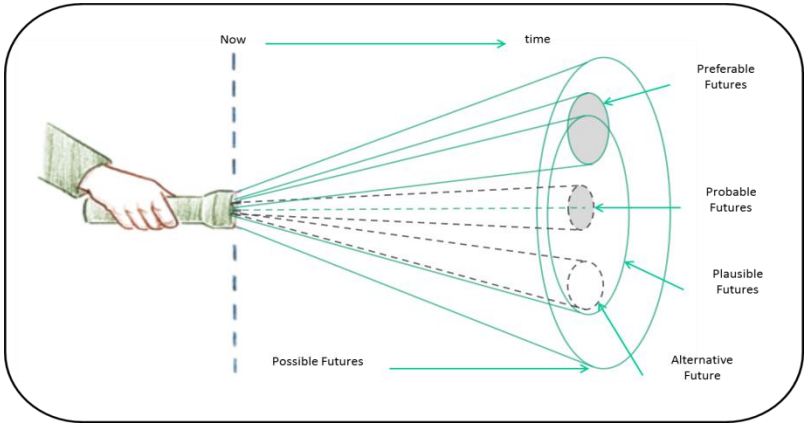


Brigadier General Kevin Killea
Director, Futures Directorate
Commanding General Marine Corps Warfighting Lab

Mission: Enhance the current and determine the future Marine Corps strategic landscape by assessing **plausible future security environments**, developing and evaluating **Marine Corps Service Concepts**, and **integrating these concepts into Naval, Joint, and other Service concepts** in order to identify **potential gaps and opportunities to inform future force development** and enable conditions for future operational advantage.

Futures Directorate
Futures Assessment





<u>Mission</u>: Provide assessments of <u>plausible future security environments</u> by researching and assessing <u>emerging and future world threats, opportunities and strategic settings</u> to inform development of institutional concepts and future force development

- **Project plausible future operational environments, deriving potential operational requirements and influencing and shaping future operating concepts.**
- **Conduct research and make recommendations for developing "change strategies" to enable the Marine Corps to institutionalize and field future warfighting capabilities across the DOTMLPF spectrum.**
- **Coordinate with external organizations and agencies to determine the future security environment**

Futures Assessment Division Recent Initiatives & Outputs

- "Flashpoints 2013" (CETO)
  - Comprehensive modular & iterative study that ranks countries & regions for instability & conflict
  - Annual product
  - Aug 2013 delivery
- "Commercial Hunter" (CETO)
  - ID/assess commercially available, emerging technologies as potential disruptive threats
  - Partnership w/ Penn State & SMU
  - ISO MCWL OSTI
- "Asia Pacific Rebalance Study" (CETO)
  - Executive level effort focused upon analysis, challenges, COAs & potential implications and solutions
  - Initial product delivered 19 Jul 2013
- "Future of USMC Aviation Study" (CETO)
  - 6 month study, 5 deliverable products
  - CETO surge effort involving an All Star team of SME's
  - ISO OAD
- Unmanned Aerial Systems (CETO)
  - "Future USMC UAS Study"
  - 1 year study
  - CETO focus: Alternative future environments & UAS employment considerations
  - ISO OAD
- Connectors Study (CETO)
  - Detailed analysis of connector capabilities required of the future force
  - Supports EF21
- Continue to develop & revise:
  - Tailored Future Security Environment briefs & reports
  - "Digest" Articles / Selected Readings for executive-level leaders pertaining to patterns and trends
  - "Flashpoints 20XX": Next generation product
  - "Quick Look" Reports summarizing various workshops, symposiums, conferences of importance to the Marine Corps
  - Topical Studies & Reports following executive-level requests for support

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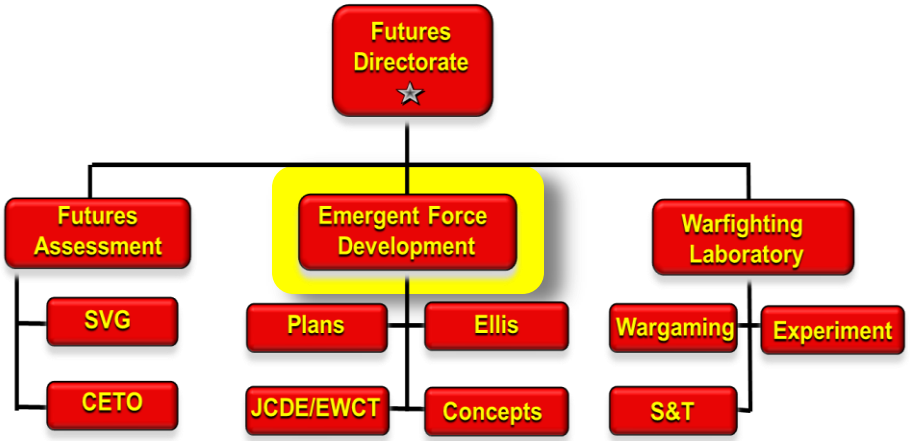
Futures Directorate
Emergent Force Development

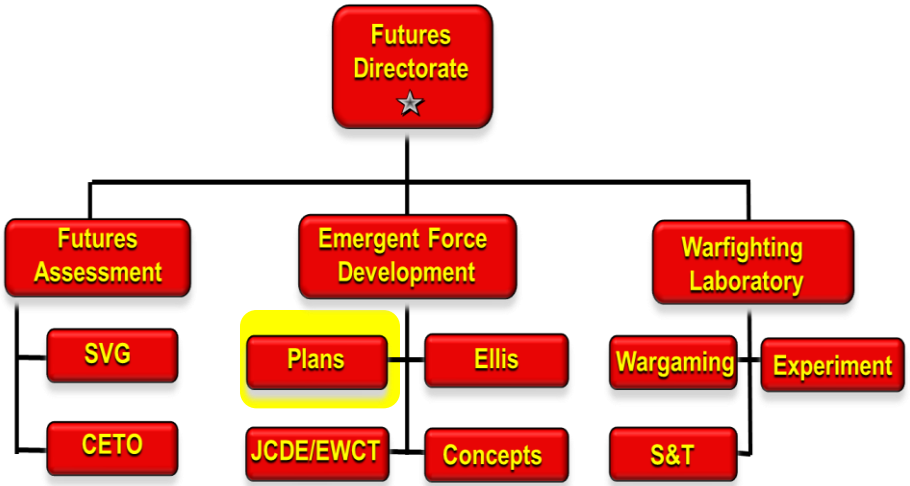


Mission: Examine select future security environments, emerging warfighting opportunities and challenges, Naval warfare and joint /coalition integration and capabilities, in order to develop Marine Corps Service concepts and concepts of operation to promote development of the emergent Marine Corps force.

Mission Essential Tasks:

- Overall: Develop an iterative and interactive relationship throughout CDI for capability development
- Concepts: Develop and provide Lifecycle management to Marine Corps, Naval, USSOCOM, joint, multinational and other service concepts
- Ellis: Examine operational challenges and warfighting approaches with an emphasis on Naval operations.
- Plans: Develop Marine Corps input to OSD Scenarios and Support Strategic Analysis (SSA)
- JCDE / EWCT: Provide Liaison and integration with Joint Staff J7, Fleet Forces, NWDC and MARFORCOM.
- Air Sea Battle Office: Marine Corps element within the Air Sea Battle Office

Emergent Force Development
Plans

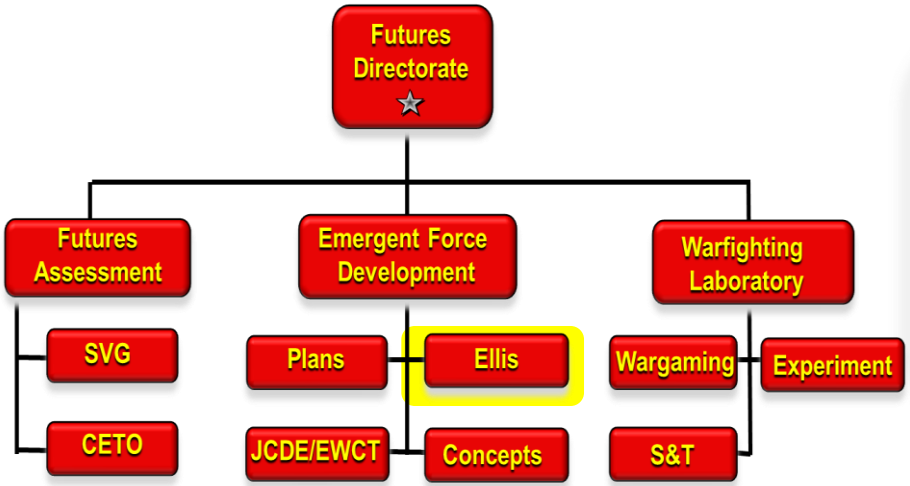


Function: Serves as the Marine Corps lead in representing and integrating USMC capabilities, capacities, doctrine, and concepts within future year Support for Strategic Analysis (SSA) scenario development and analysis processes as governed by DODD 8260 series, Defense Planning Guidance (DPG) and other applicable directives.

Focus Areas:

- Marine Corps lead in representing and integrating USMC input within future year Support for Strategic Analysis (SSA) scenario development
- Current Governance of SSA process is broken – effects scenarios available for force development at the Joint and Service level (Title X).
- Comprehensive Joint Assessment: Annual requirement (PP&O is USMC lead; Plans is the CD&I lead).
- Joint Force Assessment: Annual assessment of the sufficiency and sustainability of the Joint Force to support DoD's force sizing constructs.
- Inform POM 15 development, Program Reviews and CJCS Seminar Series

Emergent Force Development
Ellis Group

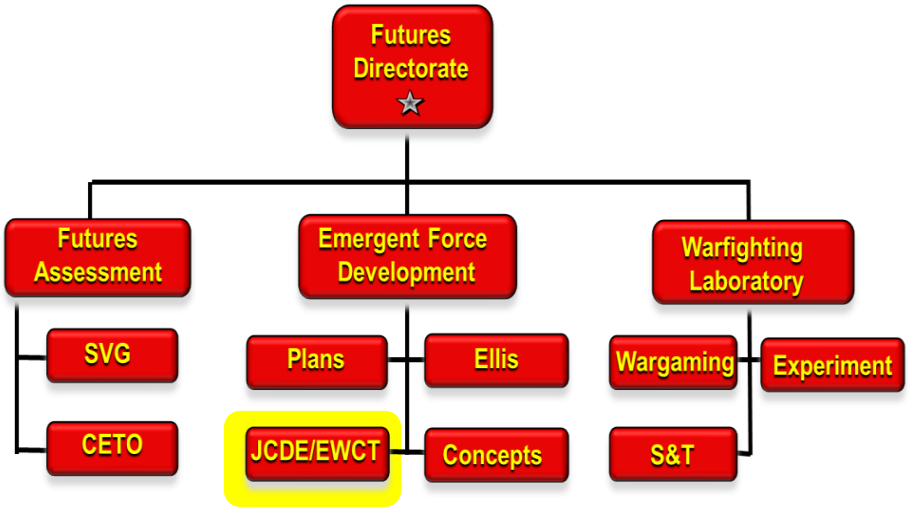


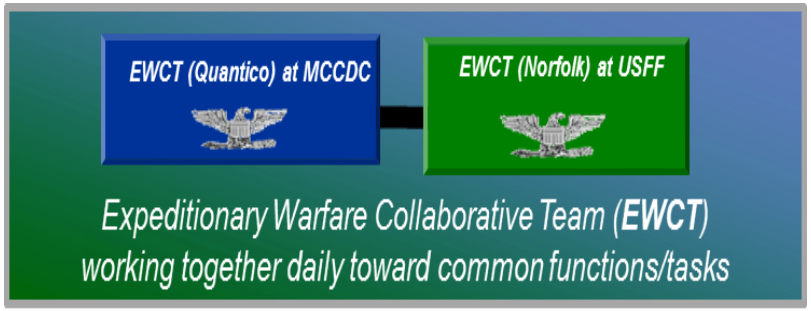
The Ellis Group conducts sustained and progressive examination of emerging warfighting challenges, identifies opportunities for increasing naval warfighting effectiveness, develop littoral warfare expertise, and coordinates with naval partners.

Focus Areas:

- Revision of A Cooperative Strategy for 21st Century Seapower
- Marine Corps Strategy / Objectives (Expeditionary Force 21)
- MEB CONOPS development
- Provides operational insights to both the CNO and CMC
- Support / coordinate the Naval Board
- Sponsor analysis and recommend solutions to operational challenges
- Conduct a strategic symposium series with CNA and OPNAV
- Enhance integration of naval operations

Emergent Force Development
JCDE/EWCT





Joint Concept Development and Experimentation (JCDE)

Coordinate Marine Corps support to and participation in joint and other Service force development activities in Hampton Roads in order to shape joint force 2020 and supporting Service initiatives.

Increases coordination between CD&I and the Joint Concept Development & Experimentation (JCD&E) process, the Chairman Joint Chief of Staff program to address joint force capability gaps and future security challenges.

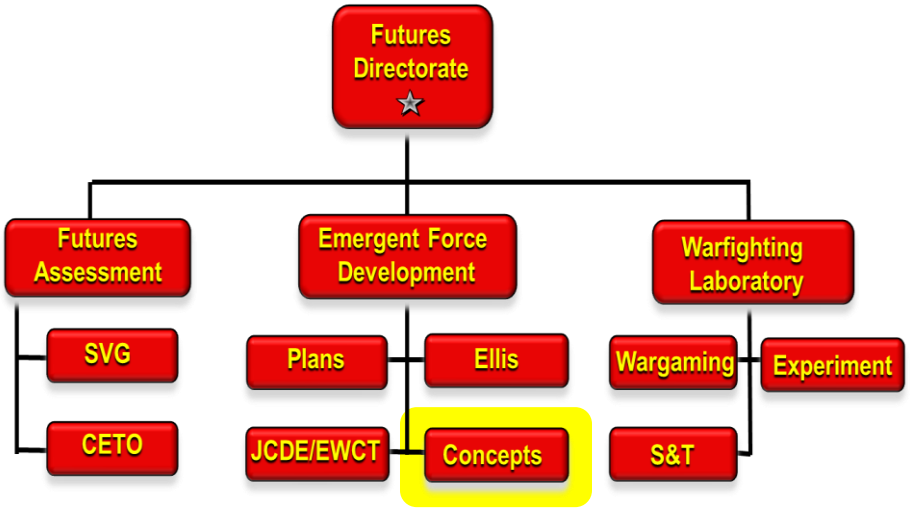
Expeditionary Warfare Collaborative Team (EWCT)

Increases coordination between CD&I and Fleet Forces Command (FFC). Provides Service level coordination and integration support to naval capability development activities in order to support naval strategy and warfighting concepts

EWCT-Quantico (Sailors) reports to Fleet Forces Command (FFC) and works in CD&I HQ

EWCT-Norfolk (Marines) reports to DC CD&I through CG MCWL and works in FFC N5/8/9 spaces in Norfolk

Emergent Force Development
Concepts

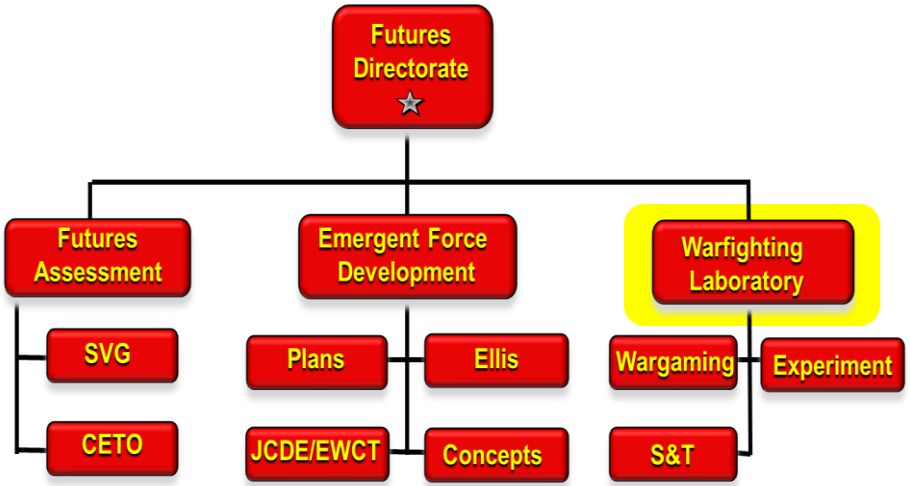


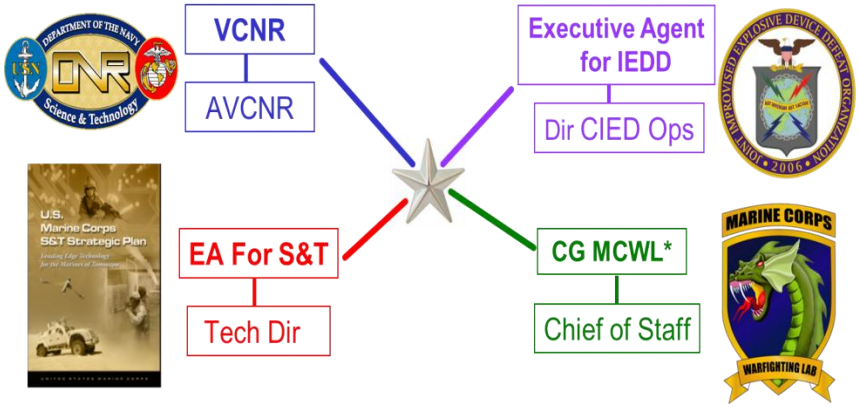
Function: Develop Marine Corps service concepts, and lead Marine Corps participation in the development of joint, naval, multinational and other service concepts" in order to inform development of "future warfighting capabilities to meet national security objectives.

Focus Areas:

- In coordination with TRADOC/USSOCOM: Develop a Strategic Landpower Concept
- In coordination with USFFC: Coordinating Disaggregated ARG/MEU Concept of Employment
- In coordination with Ellis Group: Multi-Service Concept for Military Engagement and Crisis Response in the Maritime Domain (SOCOM / Navy / Coast Guard / Marine Corps)
    - Calls for increased inter-action USN, USCG, USMC, & USSOCOM
    - Pending OPNAV agreement

Warfighting Laboratory

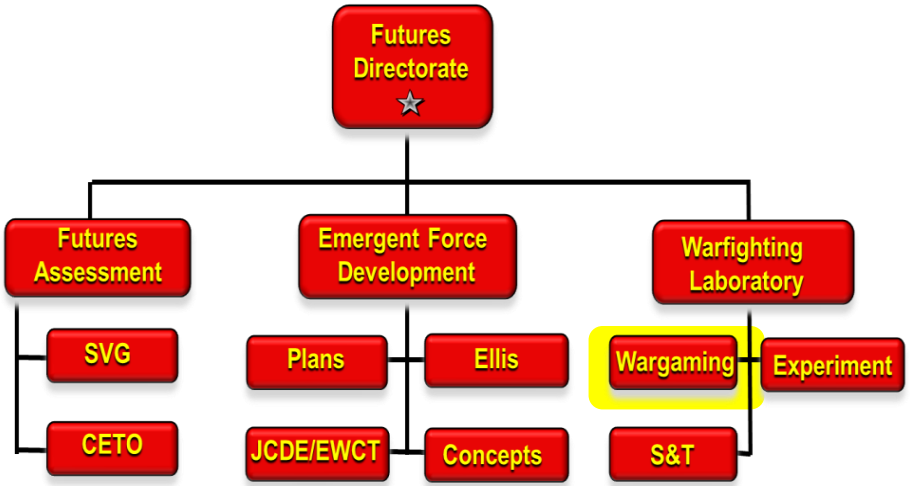




<u>Mission</u>: <u>Explore and assess Marine Corps service concepts</u> using a combination of <u>wargaming, experimentation, technology assessments, and analysis</u> to validate, modify, or reject the concept's viability in order to inform future force development.

A Balance Between "Thoughts and Things"

Warfighting Laboratory
Wargaming



Plan and execute the Marine Corps' Title 10 Wargaming program and all other internal combat development, advocate and special interest wargames. Support and /or supplement live force experimentation as appropriate. Act as service lead for Naval, Joint, DoD and Interagency wargaming matters.

Expeditionary Warrior (EW) 2014

- **Organized from forward-deployed forces mitigating tyranny of distance**
- **Intent-based/adaptive organizations enabling rapid aggregation**
- **Agility through scalability**

Naval Services Wargame 2014

Addressing a better understanding of the principles that guide the scalable, timely aggregation of forces across varied distances in anticipation of a response to crises.

USMC Wargaming Program

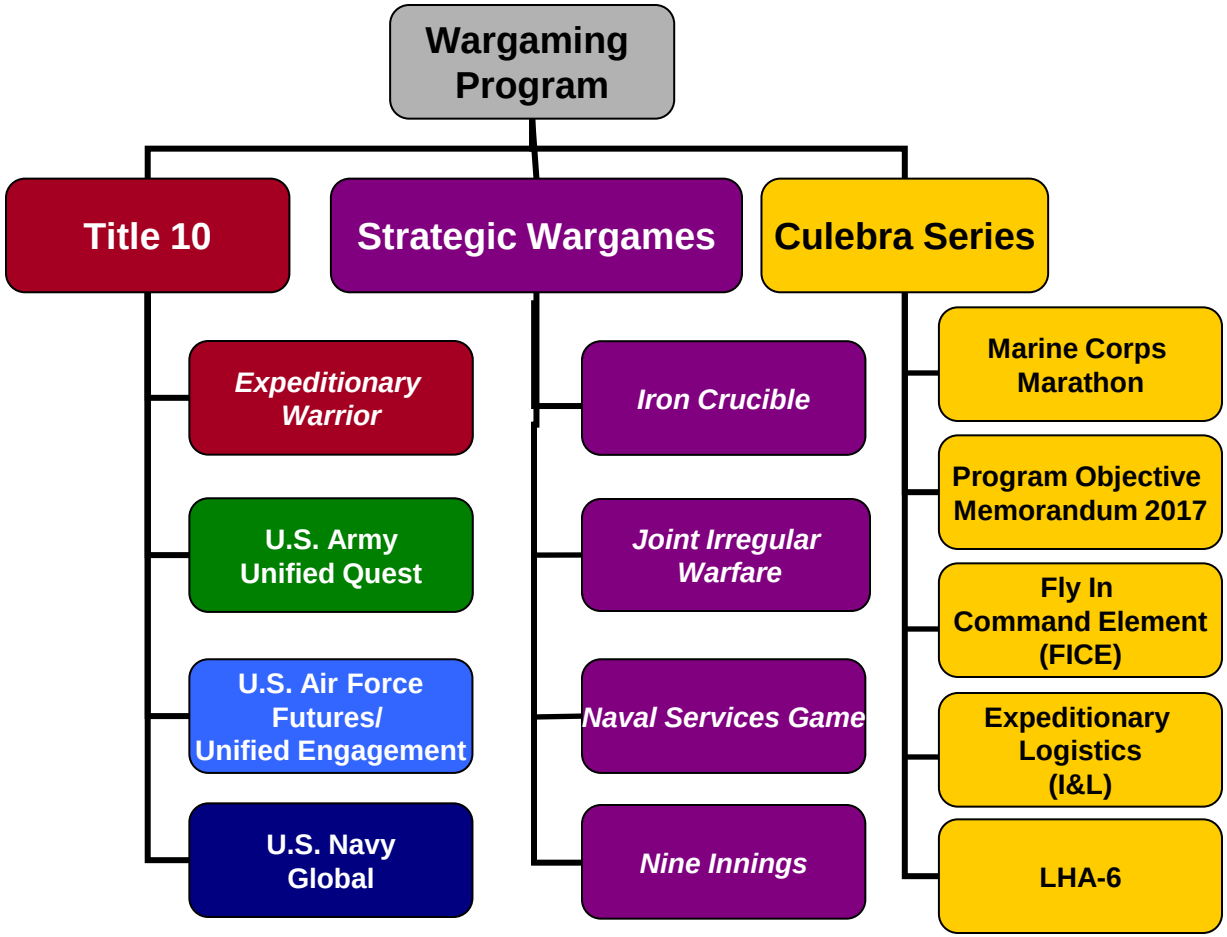
Mission: Plan and execute the Marine Corps' Wargaming Program and act as the Service's cognizant entity for wargaming matters.

Service Level

- Examine issues and provide insights
- Generate and refine concepts and issues
- Test and refine plans, concepts, and new technologies
- Assess alternatives (policies, courses of action, etc.)
- Shape and focus service and joint experimentation

Participant Level

- Mission analysis
- Estimate of the situation
- Calculate risk
- Make decision
- React to consequences
- Human participation
- Communication mechanics



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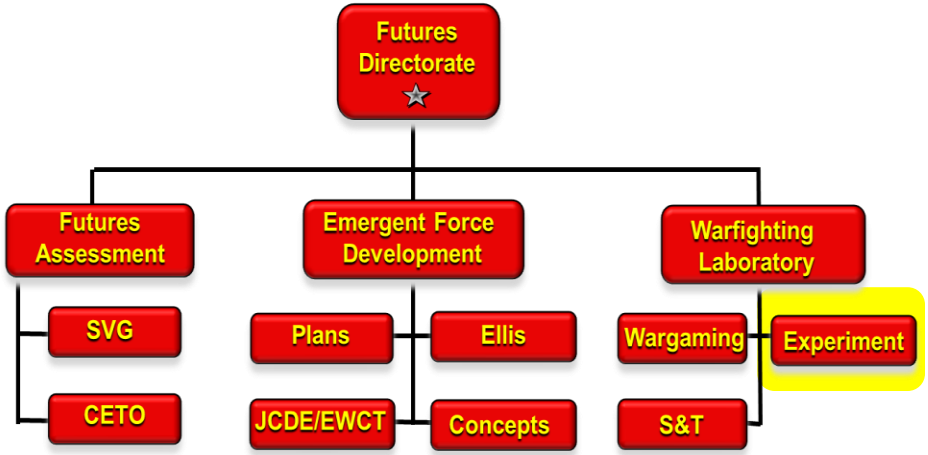
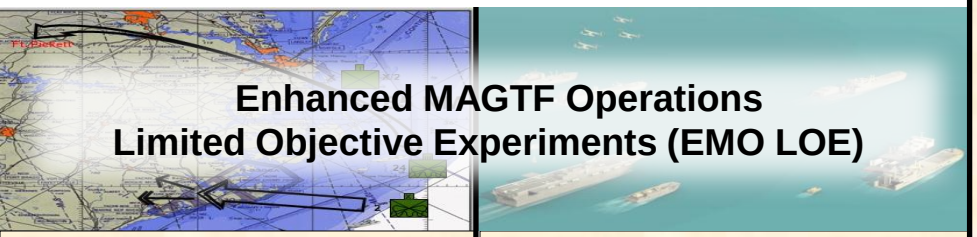
Warfighting Laboratory
Experimentation





Enhanced MAGTF Operations Limited Objective Experiments (EMO LOE)

LOE #1 (Command and Control)

- The V-22 -- a true "game changer"
- MAGTF C2 from 170-185 nm→ STOM RQMT
- ITV capability critical in dismounted formations
- SOF planning at MEU level (Crawling)

LOE #2 (Logistics)

- Improved timeliness and accuracy, especially in TACLOG
- Successfully demonstrated on tactical radios (117Gs) using VMF
- LCE is capable of conducting sustainment operations as independent maneuver element
- Autonomous vehicles are effective tools for the provision of logistics

Enhanced MAGTF Operations Limited Objective Experiments (EMO LOE)

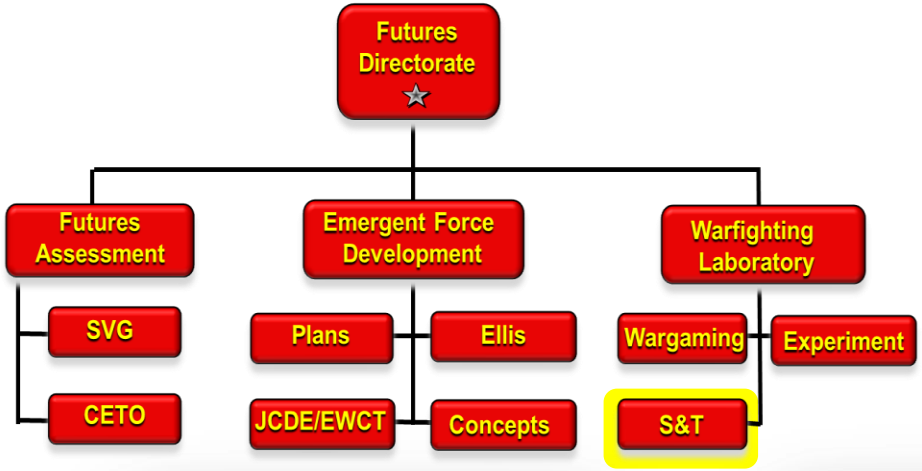
LOE #3 (Fires)

- Digital Fires / FSC / Armed UAS capability to Company. (HART/SL).
- Cyber (EW and CNO (OCO, DCO, CNE)) (non-kinetic) with MAGTF fires (kinetic).
- TACP equipment set with and without Technology enhancements (i.e. HART/SL, GUSTO, JFO Equipment, and ICA).
- Fires request and approval process.
- HIMARS in an amphibious environment
- ESG/MEB/MEU C2 issues during distributed amphib ops
- MEB staff processes.
- SOF integration processes.
- Sea based sustainment techniques and procedures.

Advanced Warfighting Experiment (AWE)

- Culminates "EMO Series" and initiates transition to "Future Maritime Operations"
- Functionality, organization and C4 for Blue/Green fly-in command element (FICE)
- SOF and Non-DoD entities
- Sea based logistics support with a T-AKE (T)
- Energy Efficiency and Logistics Demand Reduction
- Casualty care and evacuation
- Alternative ship to shore connector(s) (T)
- Advanced warfighting technologies

Warfighting Laboratory
Science &Technology



- Leverages technology that is primarily surrogates/concept Demonstrators (NOT "prototypes")
- Focused on capability development...not material development
- Technology principally supports our concept based experimentation
- Our <u>three main lines of operation are</u>:

Advanced Communications

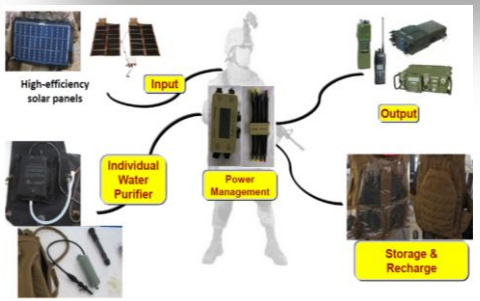
<u>Distributed Tactical Communications System (DTCS)</u>

Range: 300 miles (90%)
700 miles (30%)
Weight: 1.5 lbs
Power Source: BA123 (4)
Wave Form: Netted Iridium
Distribution: MEB / MEU / BLT / Comp / Plat / Squad
Notes: OTH / OTM / BLOS.
Provides PLI, 2.4kbps data channel

<u>MAGTF Enabler-Light (MEL)</u>

- Internally Transportable in MV-22 / CH-53
- KU SAT
- NIPR LAN (Email – File Transfer)
- DTCS / TWR (Amp)
- UHF / VHF / HF (AMP)
- 3 Workstations / 6 Tablets

Logistics Demand Reduction



<u>Marine Austere Patrolling System</u>

<u>SPACES Battery Charger</u>

<u>SLMCO 5.0 Small Unit Water Purifier</u>

Unmanned Systems

<u>Ground Unmanned Support Surrogate (GUSS)</u>

<u>DARPA LS3</u>

<u>ONR Gyrocopter</u>

DARPA Shrike

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Capabilities Development Directorate

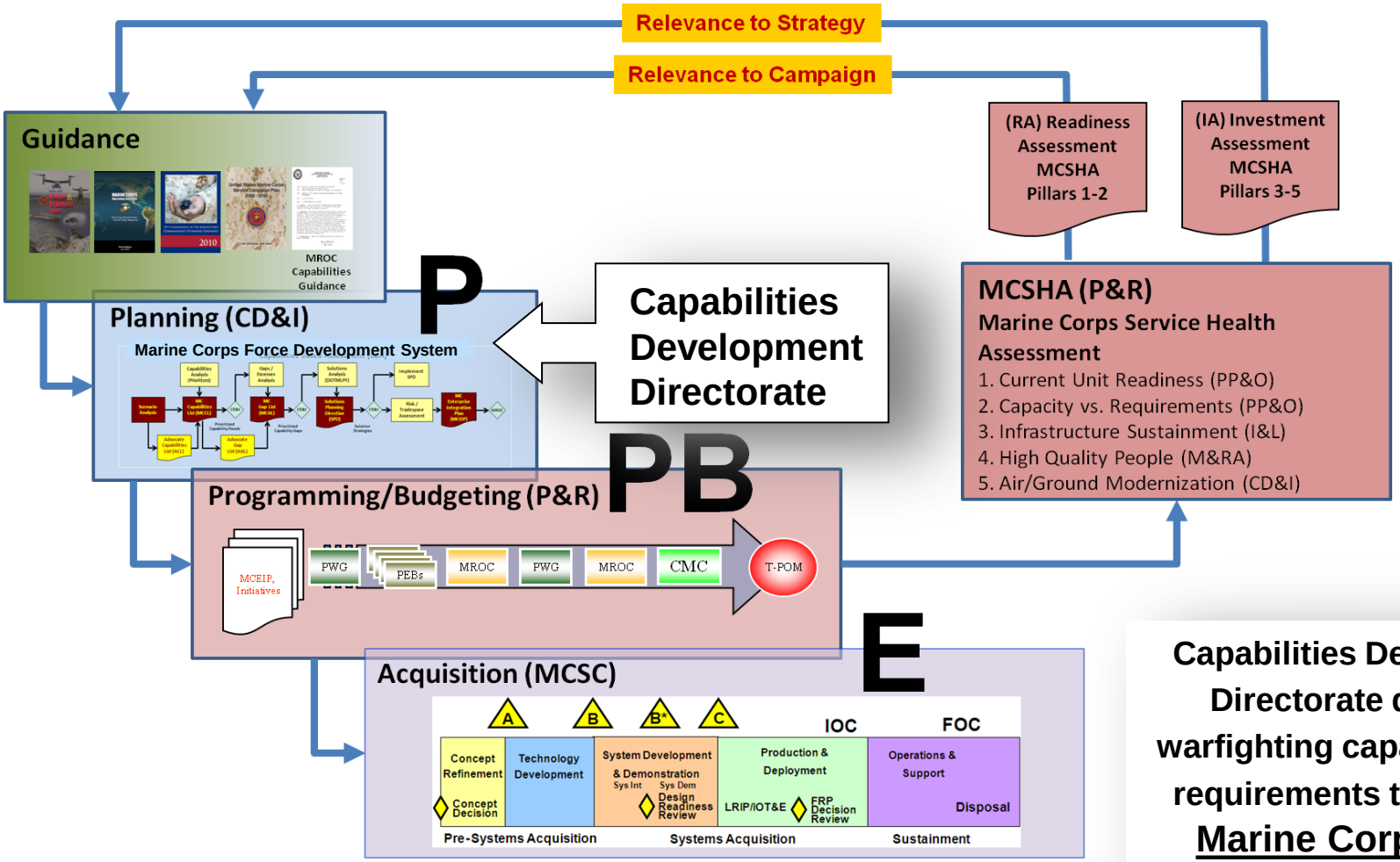
The Capabilities Development Directorate ***develops and integrates warfighting capabilities solutions*** *that provide for an effective, integrated MAGTF capability, current and future, that anticipates strategic challenges and opportunities for the nation's defense.*

Brigadier General William F. Mullen, III
Director, Capabilities Development Directorate

CDD
Capabilities Development Directorate

- **TFSD** — Total Force Structure
- **IID** — Intelligence
- **FMID** — Fires & Maneuver
- **LID** — Logistics
- **C2/CEWID** — Cmd & Control / Cyber & Electronic Warfare
- **FPID** — Force Protection
- **SWC/IWID** — Small Wars Irregular Warfare
- **MID** — MAGTF Integration
- **ATF&PD** — Advocacy, Transition, Fiscal & Personnel

Capabilities Development Directorate does "Planning" in PPB&E

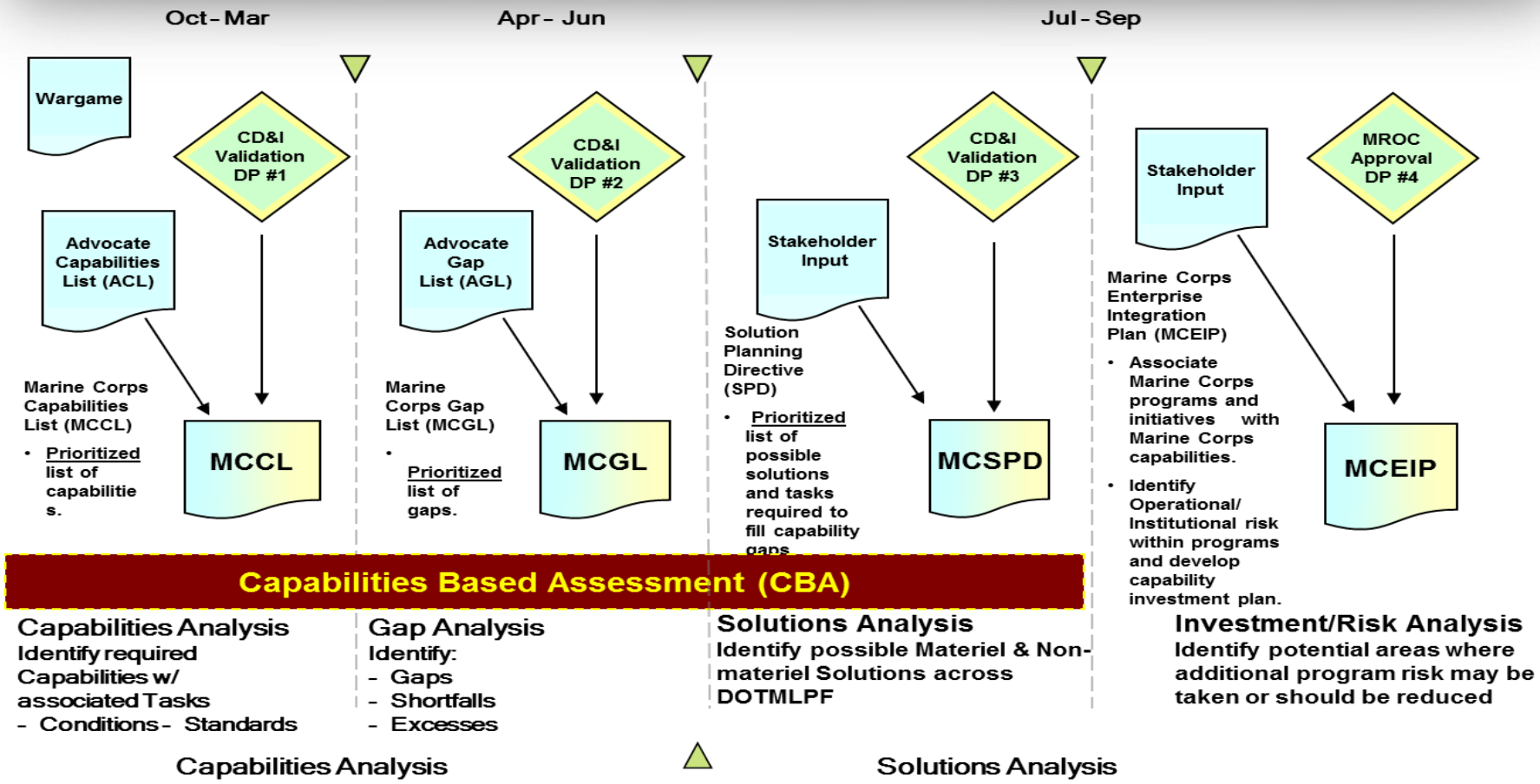


Capabilities Development Directorate develops warfighting capabilities and requirements through the <u>Marine Corps Force Development System</u> (MCFDS)

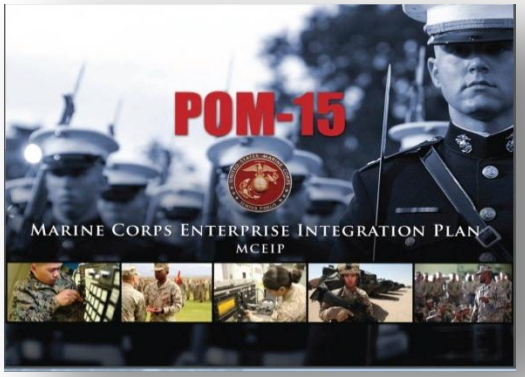
Capabilities Development Directorate

Marine Corps Force Development System

MCFDS is executed through "Integrated Enterprise Capabilities Planning" Resulting in the Marine Corps Enterprise Integration Plan (MCEIP)



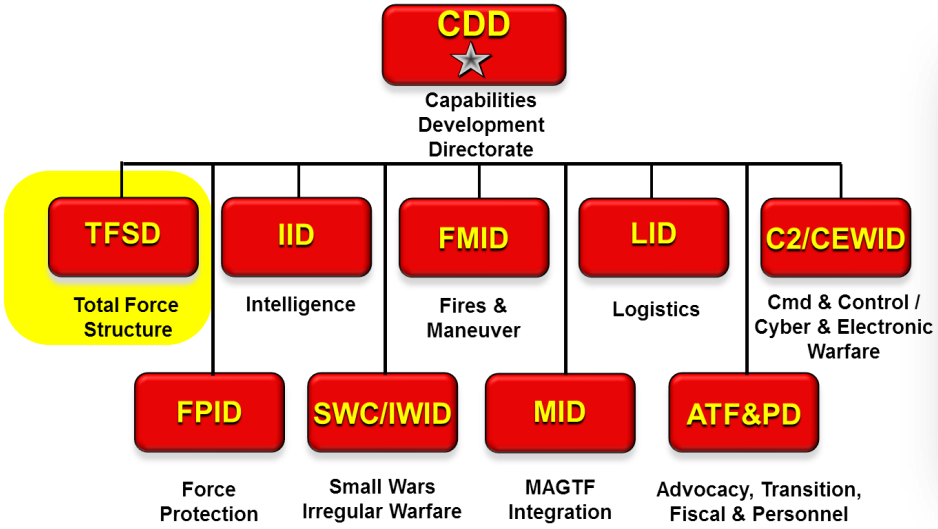
Capabilities Development Directorate
Marine Corps Enterprise Integration Plan



Marine Corps Enterprise Integration Plan (MCEIP)

- The **culminating document** created at the end of the annual CBA cycle.
- Serves as the **long-range plan** to synchronize, integrate, and coordinate efforts related to capability investments in order to meet MAGTF needs.
- Articulates CBA analytical results and consolidates the Marine Corps Capabilities List (MCCL), Marine Corps Gap List (MCGL), and Solutions Planning Directive (SPD).
- Provides an **assessment of tradespace** for all USMC programs and initiatives, providing the foundation for Capabilities Based Budgeting during a given POM year.
- **Specifies a prioritization of desired future capabilities** based on operational priorities, guidance, planning documents, critical capability gaps, and desired future direction for MAGTF Combat Development.

Total Force Structure Division

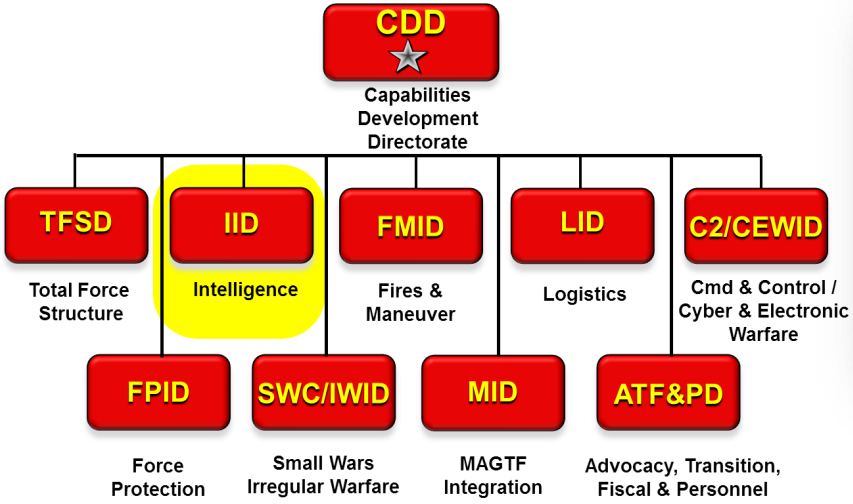


Develop and maintain the Marine Corps' Force Structure, allocate resources to provide a balanced and capable force, and plan and implement future force structure changes in order to build capability-based organizations that accomplish the Marine Corps' mission essential tasks and fulfill its Title 10 requirements

Focus Areas

- **Determine Unit Manpower Requirements (AC, RC, Navy and Civilian)**
- **Manage T/O&E's in TFSMS**
- **Produce Semiannual Authorized Strength Report**
- **Review the Navy Manning Documents (NMD)**
- **Record AAO Requirements based on Concepts of Employment (COE)**
- **Determine Unit Equipment Requirements**
- **Lead DOTMLPF/C assessments to integrate new requirements**
- **Allocate manning and equipment based on CMC priorities**
- **Maintain official Marine Corps hierarchy**

Intelligence Integration Division

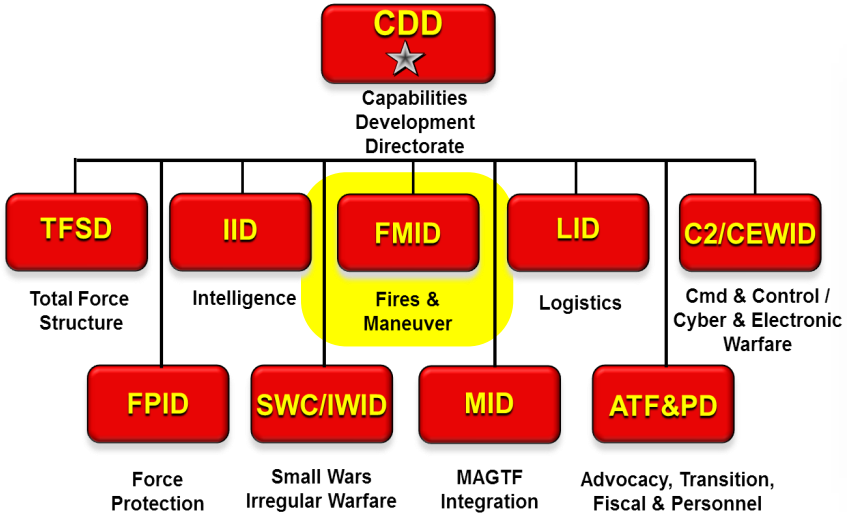


Enable the development, delivery, operations, and sustainment of fully integrated intelligence, surveillance, reconnaissance capabilities that provide knowledge to commanders and decision-makers at the point of execution.

Focus Areas:

- Capability Portfolio Management (CPM)
- Distributed Common Ground System/Surface Marine Corps (DCGS-MC)
- UAS Sensor Payloads
- Ground Based Observation Surveillance System (GBOSS)
- Sensitive Compartmented Information Communications (SCI COMMS)
- Tactical Exploitation of National Capabilities
- Doctrine Development
- Coalition Partner ISR Interoperability

Fires and Maneuver Integration Division

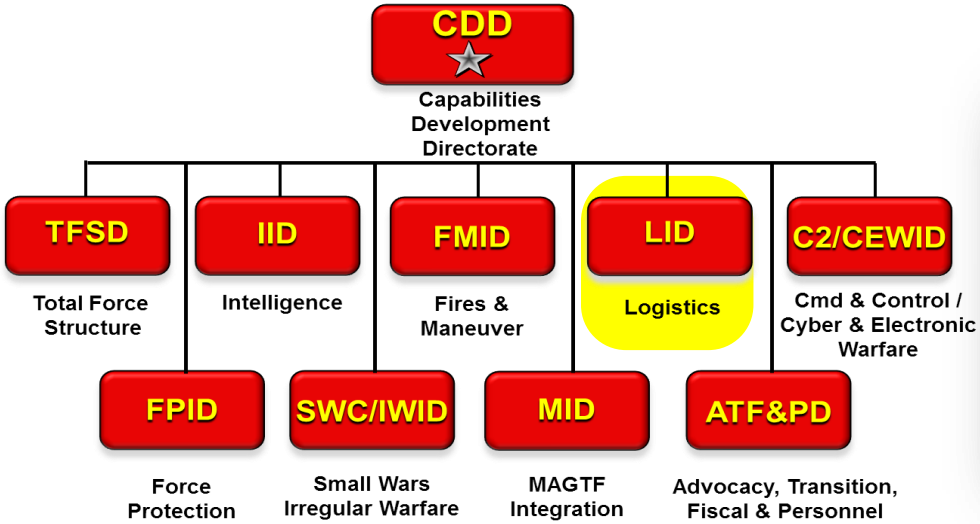


Integrate future and evolving Fires and Maneuver concepts, with identified capabilities, requirements, and supporting programs to synchronize Marine Corps initiatives and shape Naval and Joint initiatives within the JCIDS process.

Focus Areas

- Ground Combat and Tactical Vehicle Strategy (ACV, JLTV, Family of Vehicles)
- Joint Light Tactical Vehicle (JLTV)
- Marine Expeditionary Rifle Squad (MERS)
- Marine Enhancement Program (MEP)
- Ground Reconnaissance
- Rockets, Artillery and Mortars
- Naval Surface Fire Support (NSFS)
- Small Arms / Crew Served Weapons
- Anti-armor Weapons Systems
- Night Vision and Optics
- Nonlethal Weapons
- Unmanned Aerial Systems (UAS)
- Unmanned Ground Systems
- Individual Combat Clothing and Equipment
- Doctrine (GCE and ACE)
- Visit, Board, Search and Seizure (VBSS)

Logistics Integration Division

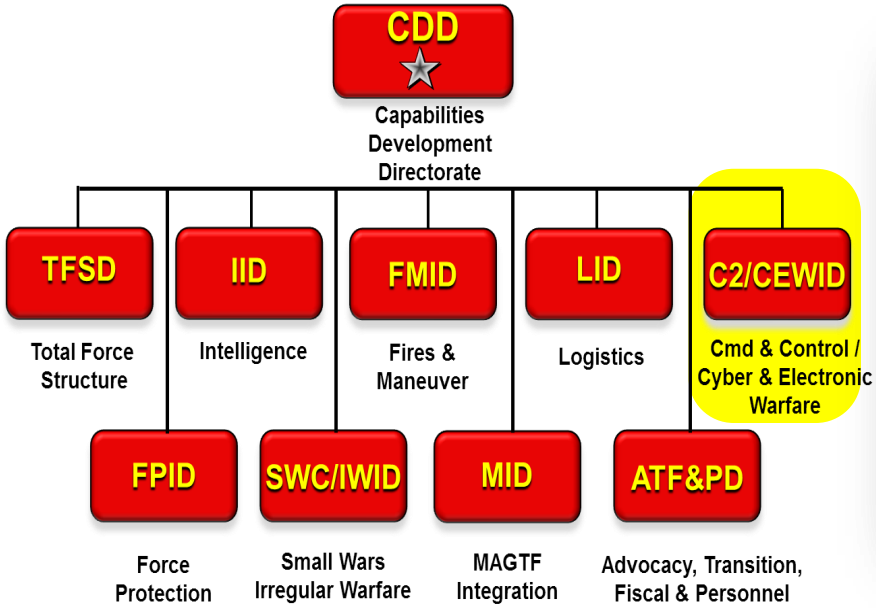


Integrate future and evolving Logistics concepts with identified capabilities, requirements and supporting programs to synchronize Marine Corps initiatives and shape Naval and Joint initiatives within the JCIDS process.

Focus Areas

- Conventional Ground Ammunition
- Ammunition Life Cycle Management
- Advanced/Mobile Power Sources
- MRAP Vehicles
- MTVR/LVSR/P19R
- Joint Precision Aerial Delivery System (JPADS)
- Expeditionary Water and Fuel Systems
- Field Medical Equipment
- Internally Transportable Vehicle (ITV)
- Engineer Construction Equipment
- HMMWV
- General Purpose Tools and Test Equipment
- Shelters and Shelter Equipment
- Material Handling Equipment
- Combat Feeding Systems
- Environmental Control Equipment
- Calibration/Automatic Test Systems
- Tactical Trailers
- Test Measurement Diagnostic Equipment
- Engineer Tools, Chests, Kits

C2/Cyber and EW Integration Division

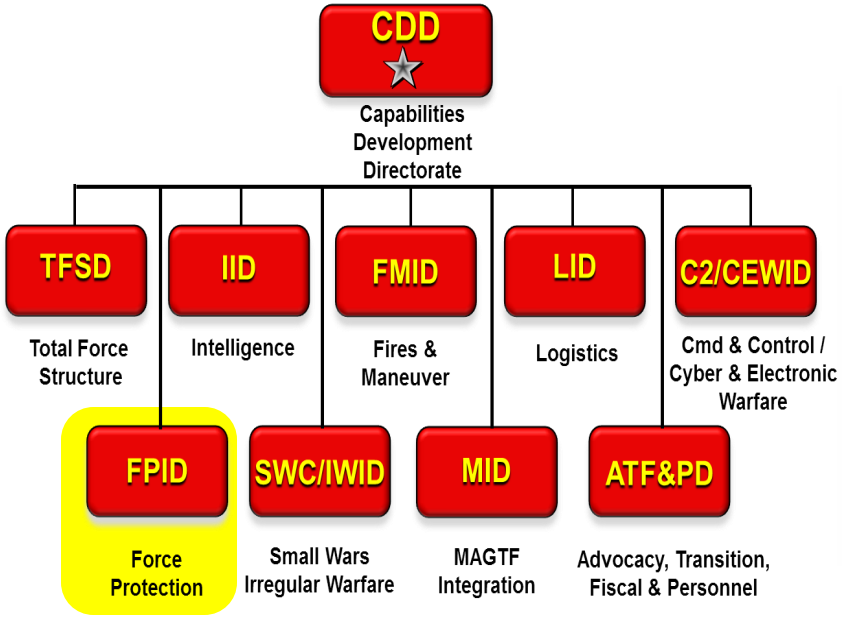


C2/CEWID serves as CDD's integration and execution authority for all Marine Corps C2, Cyberspace, and Electronic Warfare capabilities development activities. C2/CEWID coordinates with the operating forces, supporting establishment, and other stakeholders in order to define capabilities, identify gaps, and support fiscally informed solution implementation across the pillars of DOTMLPF-P.

Focus Areas:

- **MAGTF Electronic Warfare Transition Plan**
- **Cyber/Electronic Warfare Coordination Cell**
- **Cyber Force Structure Review Group**
- **Joint Information Environment Implementation**
- **Efficiencies Working Groups**
- **Command and Control Functional Area Manager**
- **C2 (Aviation)**
- **Tactical Services Oriented Architecture**
- **Combat Identification/Mode 5 Implementation**
- **Joint Battle Command-Platform Test and Fielding**

Force Protection Division

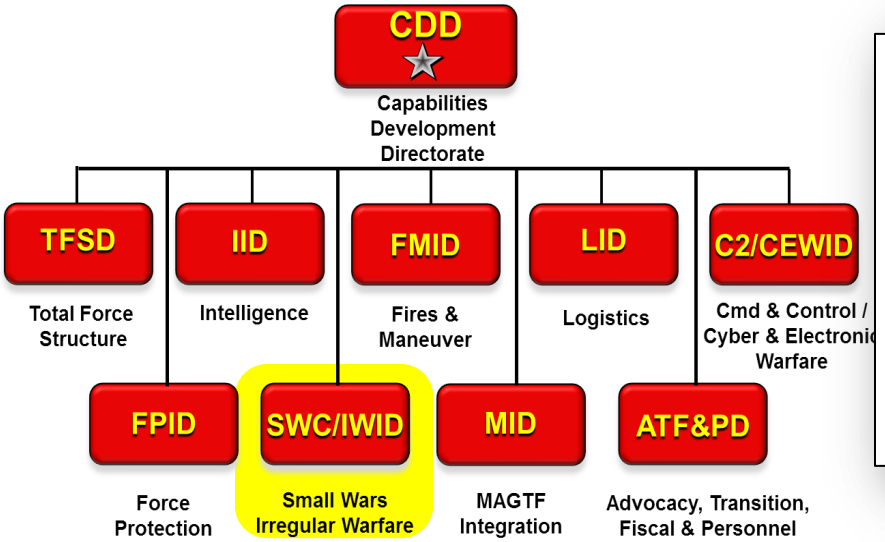


Identify, develop, coordinate & integrate w/ operating forces, advocates, supporting establishment and other IDs for future MAGTF Force Protection concepts, capabilities, requirements and related materiel/non-materiel solutions to optimally support engagement in conventional and irregular warfare.

Focus Areas:

- **C-IED Institutionalization**
- **Ground Based Air Defense (GBAD) On-The-Move Future Naval Capability (FNC)**
- **FNC Sea Shield**
- **CHEM-BIO Defense POM WG**
- **Mode 5 Identify Friend or Foe (IFF) Implementation**
- **Ground Air Task Oriented Radar (G/ATOR) Development**
- **Counter Radio Controlled IED Electronic Warfare (CREW) Transition to Cyber Electronic Warfare Integration Division**
- **Joint Service EOD Notional Concept Working Group**
- **Law Enforcement (biometrics, forensics, identification)**

Small Wars Center/Irregular Warfare Intergation Division

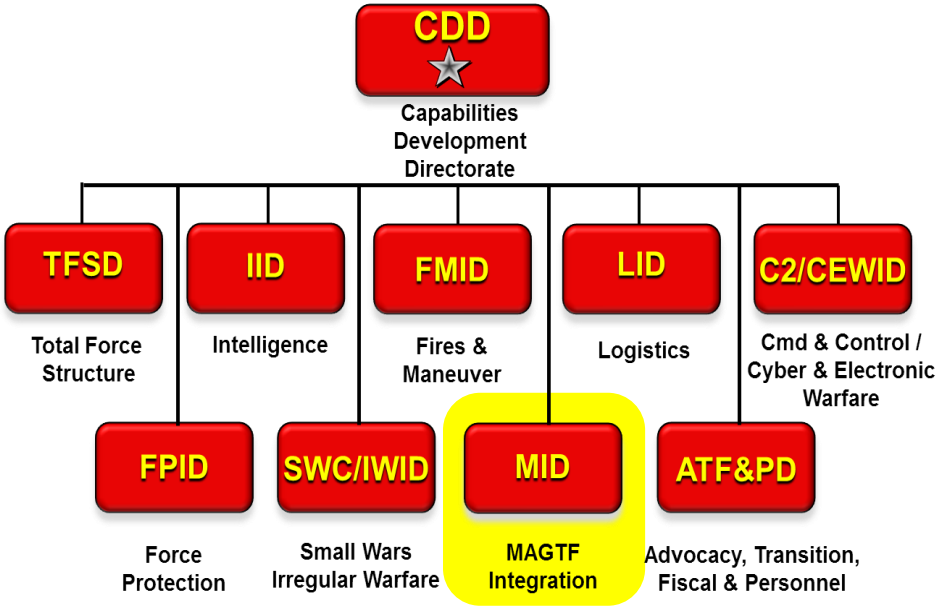


Integrate Irregular Warfare, Information Operations, Civil Affairs, Public Affairs, and Combat Camera capability development initiatives across DOTMLPF with the Marine Corps in order to enhance Service capabilities and capacities to conduct operations against irregular, hybrid or conventional adversaries.

Focus Areas:

- **Small Wars Manual for the 21st Century (CMC Directed Task)**
- **Capability Portfolio Manager for JCA-8 Building Partner Capacity**
- **Irregular Warfare Executive Steering Committee**
- **Joint Irregular Warfare Series of Wargames**
- **Public Affairs, Combat Camera and Marine Civil Information Systems**
- **Completion of COIN Trilogy (Joint, Service and Tactical Doctrine)**
- **Stability Operations Doctrine and Training/Readiness Manuals**
- **Irregular Warfare in Professional Military Education**
- **Network Engagement and Civil Affairs Transition**

MAGTF Integration Division

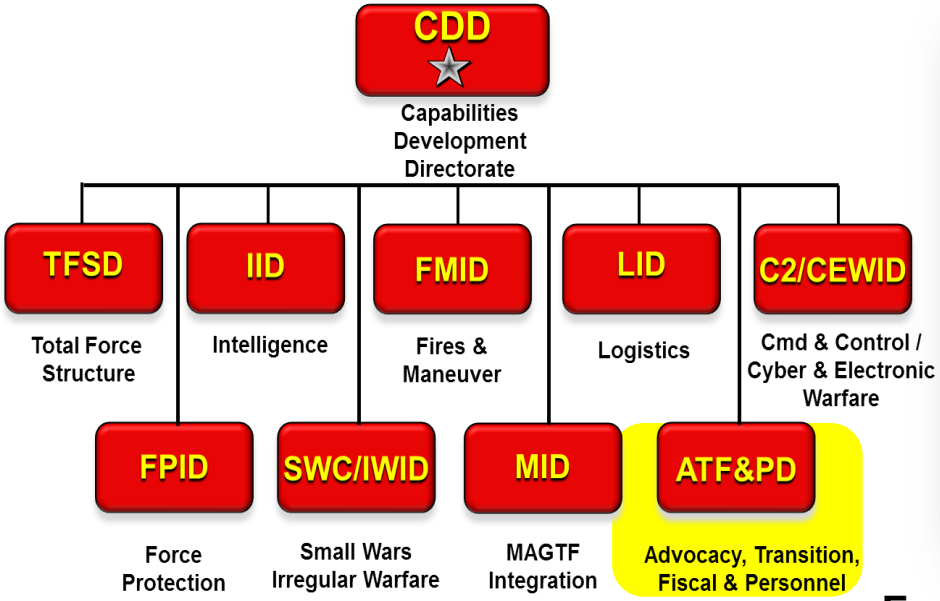


The MAGTF Integration Division drives implementation of *Expeditionary Force* 21 by integrating capability development activity across the pillars of DOTMLPF and across the elements of the MAGTF

Focus Areas

- **Amphibious Combat Vehicle (ACV)**
- **Capability Portfolio Management**
- **Capability-Based Assessment**
- **Service, Joint/Multi-service, & Multi-National Doctrine**
- **Marine Corps Task List/Mission Essential Task Lists**
- **Universal Needs (Urgent and Deliberate)**
- **Requirements Transition**
- **Operational Architecture ISO JCIDS documentation and the USMC Enterprise Architecture**

Advocacy, Transition, Fiscal & Personnel Division



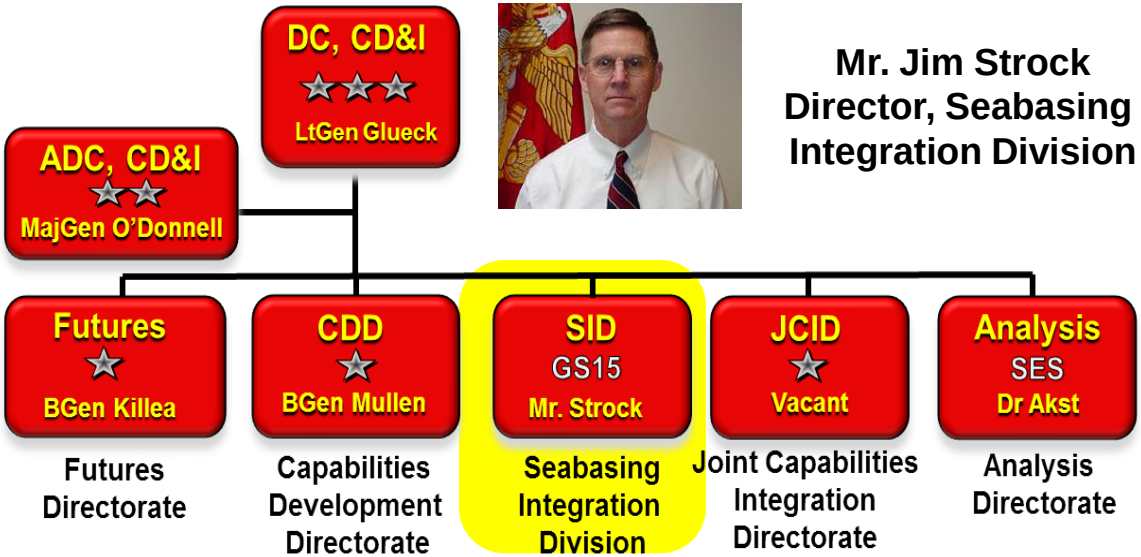
Host the Command Element Advocate Board (CEAB) at both the General Officer and Council of Colonels level for all CPMs, Advocates and Proponents to collaborate. Contribute to and support the CBA / MCFDS activities, and, through the WIPEB activities, transition the Plan to Programming (balancing of resources w/ prevailing priorities). Support all administrative functions for CDD

Focus Areas

- **Command Element Advocate Board (CEAB at both CoC and GO Levels)**
- **Advocate (DC CD&I) Functional Areas (19 total for example: CE, MEB, Red Teams, C4, Intelligence, etc.)**
- **CBA / MCFDS Process**
- **Transition Activities**
- **"Belly Button" for Warfighting Investment PEB / all POM related activities supporting Director CDD as key advisor to DC CD&I (Advocate and WIPEB Owner)**

- **"OPERATIONAL" Admin**
- **Personnel**
- **MCATS**
- **Training**
- **Travel / TAD**
- **Security**
- **IT / Phones**

Seabasing Integration Division



Mr. Jim Strock
Director, Seabasing Integration Division

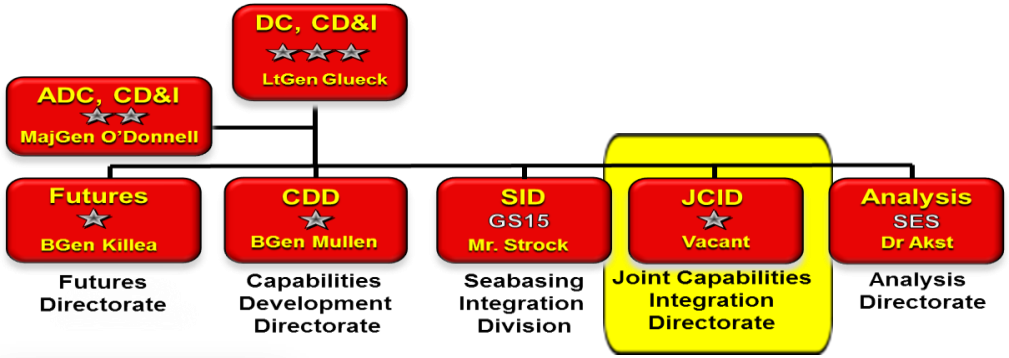
Identify, develop and articulate Marine Corps seabasing required capabilities and related doctrine in order to facilitate MAGTF integration with Naval Expeditionary Forces

- **Amphibious Combat Vehicle**
- **Doctrine**
- **Connectors**
- **Amphibious Warfare Ships**
- **Maritime Prepositioning Ships**
- **C4I Shipboard Integration**
- **Aviation Shipboard Integration**
- **Seabasing Training & Education**

Focus Areas

- **Baseline MEB**
- **MAGTF Ground Equipment Shipboard Integration**
- **Joint Capability Technology Demonstration**
- **Sea-based MAGTF Capability Development**
- **Naval Amphibious Force Structure**
- **Seabasing Science & Technology**
- **Seabasing Assessments & Wargames**

Joint Capabilities Integration Directorate



- USMC Joint Capabilities Board Principal
- Key coordinator for all USMC JCIDS issues
- Key interface between CDD and JCIDS
- CD&I forward within the Pentagon

JCID ensures capabilities are conceived and developed in support of the Future Joint Force

Joint Requirements Oversight Council
VCJCS (Chair), ACMC, VCNO, VCSA, VCSAF

Joint Capabilities Board
DJ8 (Chair), Dir, JCID, USN Rep, USA Rep, USAF Rep

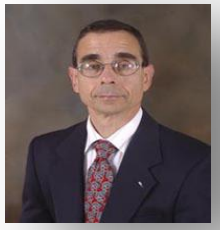
Functional Capabilities Boards

JCID Champions Positions Developed by USMC Advocates and Proponents

- Battlespace Awareness
- C4/Cyber
- Force Application
- Force Support
- Logistics
- Protection

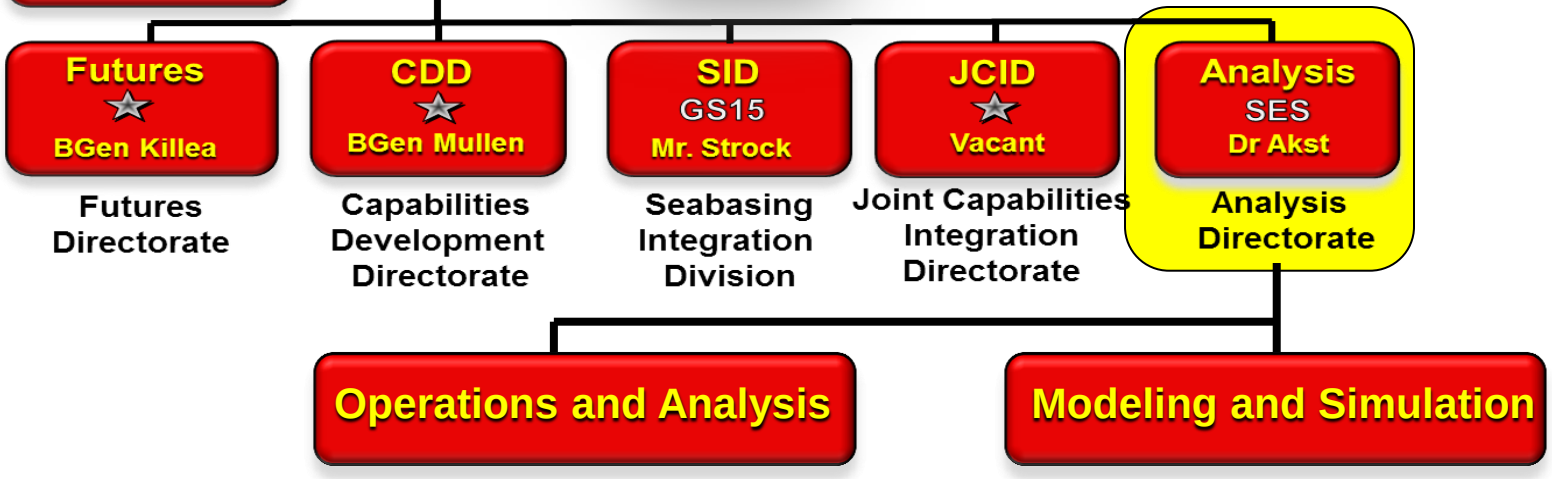
JCID provides USMC Principal at all Functional Capabilities Boards

Analysis Directorate



SES George Akst
Director, Analysis Directorate

The Analysis Directorate executes and provides oversight for the Marine Corps on all matters pertaining to operations analysis and modeling and simulation.



- **The Marine Corps' service level activity <u>responsible for studies and analyses</u>**
- **Assists Operating Forces and other Marine Corps agencies with operations analysis support**
- **Represents Marine Corps at DoD , Joint Staff, SECNAV and Navy M&S events**
- **<u>Lead for Marine Corps M&S</u> - maximize the reuse, interoperability, and effectiveness of M&S data, tools, and services**

MCCDC: Primarily Comprised of Training and Education Command

Mission: To develop, coordinate, resource, execute, and evaluate training and education concepts, policies, plans, and programs to ensure Marines are prepared to meet the challenges of present and future operational environments

CG, MCCDC ★★★

CG, TECOM ★★

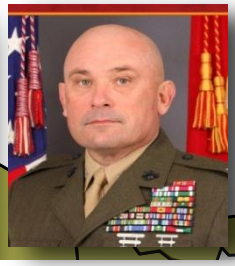
Major General James W. Lukeman
Commanding General, Training and Education Command

- **TCOM** ★ — **Training Command**
- **EDCOM** ★ — **Education Command**
- **MCRD, PI** ★ — **Marine Corps Recruit Depot Parris Island**
- **MCRD, SD** ★ — **Marine Corps Recruit Depot San Diego**
- **MAGTFTC** ★ — **Marine Air Ground Task Force Training Command (29 Palms)**

Training and Education Command
Training Command

Proponent for MOS individual-skill training

- CG, MCCDC ★★★
  - CG, TECOM ★★
    - TCOM ★ — Training Command
    - EDCOM ★ — Education Command
    - MCRD, PI ★ — Marine Corps Recruit Depot Parris Island
    - MCRD, SD ★ — Marine Corps Recruit Depot San Diego
    - MAGTFTC ★ — Marine Air Ground Task Force Training Command (29 Palms)



BGen Austin E. Renforth
Commanding General, Training Command

Training at 61 Different Locations

NAS Whidbey Is, WA
MATSG-53

Monterey, CA
Def Lang Inst, NPS

NAS Lemoore, CA
MATSG-23

29 Palms, CA
MCCES

Camp Pendleton, CA
FMTB (W)
SOI (W)
AAS BN
T3S (W)

San Diego, CA
FTC C4I
SERE (W)

San Diego, CA
EWTGPAC

Kaneohe, HI
SOI-W

Yuma, AZ
MWD
MMPC

Ft Huachuca, AZ
UAS, Intel

Kirtland, NM
Nuc Wpns Def

Sheppard AFB, TX
Wire Tech

Ft Bliss,TX
Air Defense

Lackland AFB, TX
Corrections, MWD

Goodfellow AFB, TX
Firefighter, Intel

Corpus Christi, TX
MATSG-22

Ft Sill, OK
Artillery

Ft Leonard Wood, MO
MP, MT, Eng

Ft Benning, GA
Infantry
Armor

Meridian, MS
MATSS-1

Keesler AFB, MS
Meteorology

NAS Pensacola, FL
MATSG-21
Corry Station - Intel
Eglin - EOD

Hurlburt, FL
Space Ops

Panama City, FL
Combat Dive

Ft Lee, VA
QM, Ordnance

Ft Gordon, GA
SATCOM

Ft Bragg, NC
Special Warfare
Joint TADIL

Quantico, VA
Training Command ★
TBS/MACE
OCS
WTBN
Comm School

NSY Kittery, ME
SERE (E)

Ft Belvoir, VA
Geospatial Intel
Acquisition

NAB Little Ck, VA
Music

Charlottesville, VA
JAG

Newport, RI
AVN Supp, JAG

Ft Meade, MD
Def Info Sys

Ft Eustis, VA
Transportation

Norfolk, VA
EWTGLANT

Dam Neck, VA
MCIS DET

Dam Neck, VA
MCIS

NAS Oceana, VA
MATSG-33

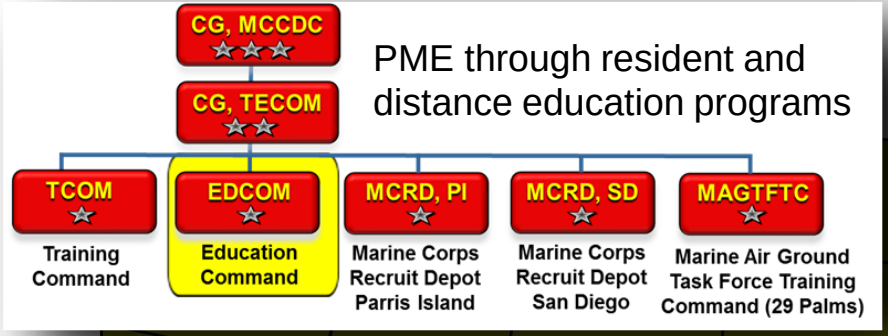
Camp Lejeune, NC
MCCSSS
MCES
SOI (E)
FMTB (E)
T3S/T3S (E)

Ft Jackson, SC
Postal
Chaplain

Key

USMC Detachments	USMC Representatives	USMC Schools

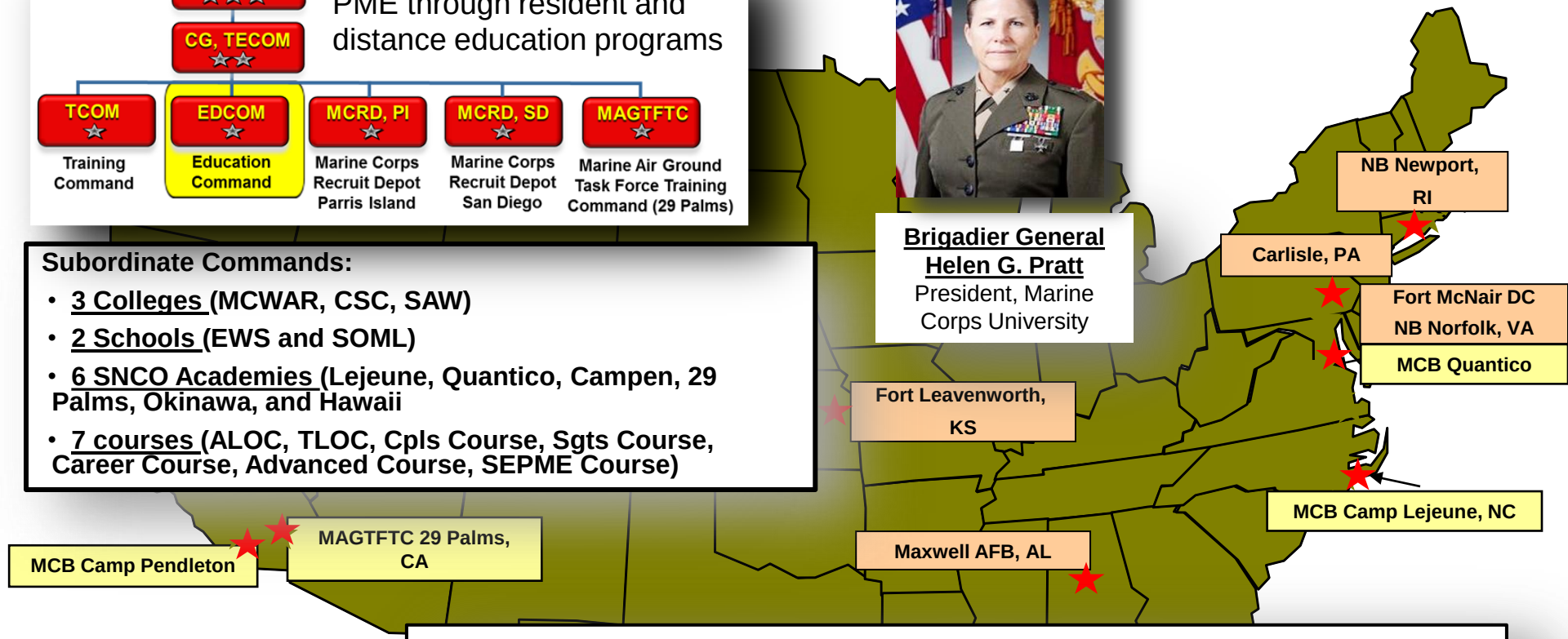
Training and Education Command
Education Command



Brigadier General Helen G. Pratt
President, Marine Corps University

Subordinate Commands:

- **3 Colleges (MCWAR, CSC, SAW)**
- **2 Schools (EWS and SOML)**
- **6 SNCO Academies (Lejeune, Quantico, Campen, 29 Palms, Okinawa, and Hawaii**
- **7 courses (ALOC, TLOC, Cpls Course, Sgts Course, Career Course, Advanced Course, SEPME Course)**

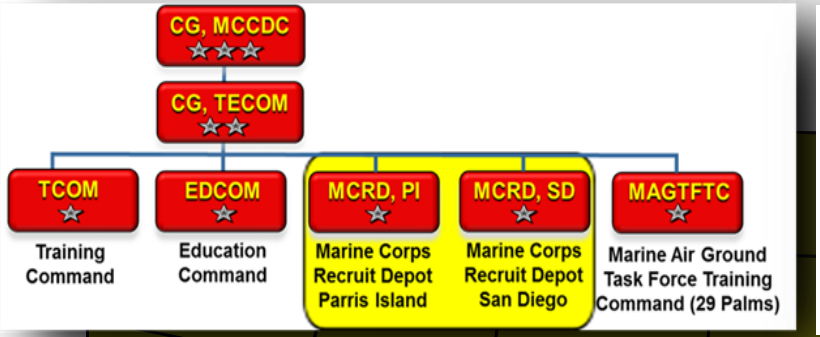


- **Resident Officer PME courses in Quantico and Marines attend each of the service PME colleges and a wide numerous foreign PME venues**
- **Enlisted PME is at six SNCO Academies CONUS and OCONUS**
- **Distance Education Program (DEP) seminars throughout the world**
- **Host approx. 5,830 students annually from the Services, civilian agencies and approximately 25 countries**

Key	
USMC Representatives	USMC Schools

Training and Education Command

Marine Corps Recruit Depots



...thorough indoctrination in our history, customs and traditions and by imbuing them with the mental, moral and physical foundation for successful service to Corps and country.

Brigadier General Terry V. Williams
Commanding General
Eastern Recruiting Region
Marine Corps Recruit Depot Parris Island, S.C

Brigadier General James Bierman
Commanding General
Western Recruiting Region
Marine Corps Recruit Depot San Diego, CA

MCB Camp Pendleton
WFTBN Edson Range

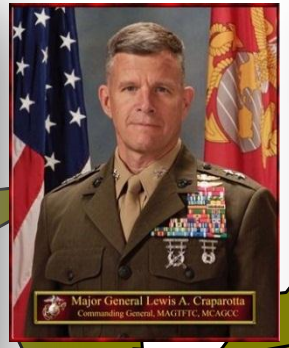
MCRD San Diego

MCRD Parris Island

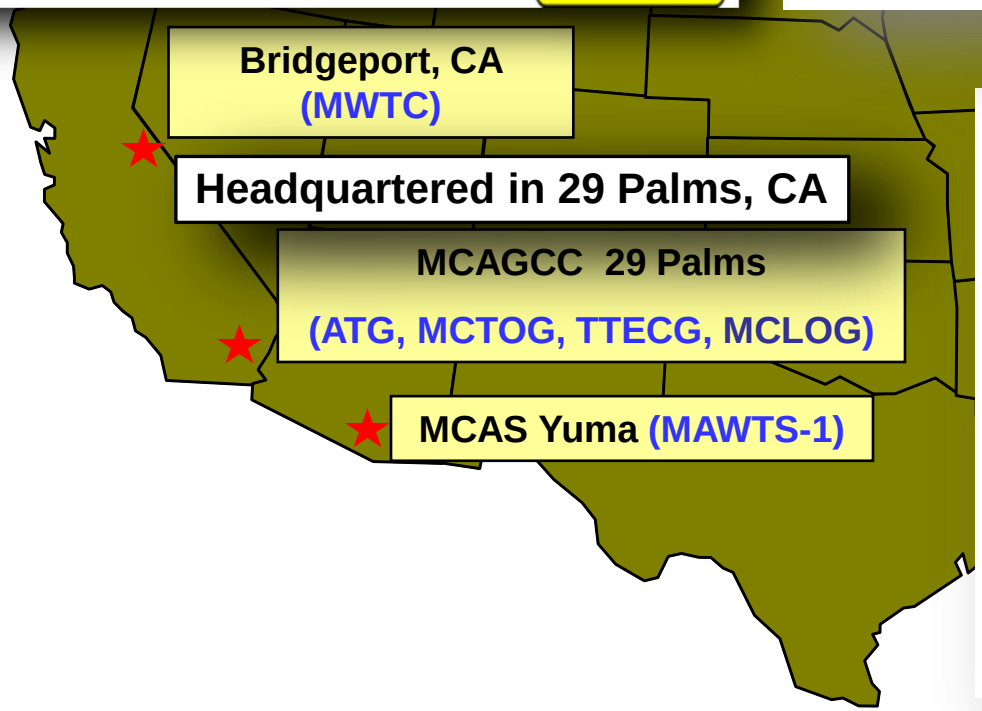
Training and Education Command
MAGTF Training Command

Live-fire combined arms training...

...urban operations, and Joint/Coalition level integration training that promotes operational forces readiness.



Major General Lewis Craparotta
Commanding General, MAGTF Training Command; and Commanding General, Marine Corps Air Ground Combat Center



Comprised of five major subordinate training organizations:

- **Marine Corps Tactics and Operations Group (MCTOG)**
- **Tactical Training Exercise Control Group (TTECG)**
- **Advisor Training Group (ATG) – eventually goes away due to FSRG actions**
- **Marine Aviation Weapons and Tactics Squadron One (MAWTS-1) in Yuma, AZ**
- **Marine Corps Mountain Warfare Training Center (MCMWTC) in Bridgeport, CA.**

For More Information See Other Areas of This Website