Marine Corps Information Operations
Brief to
National Marine Corps Council
17 April 2010

LtCol Mitch "Rico" Rios
Executive Officer, MCIOC

April 10 File

Purpose

To provide an overview:
1. The Operating and Information Environment
2. IO Requirement Identified
3. Executing the Intent and Vision
4. Concept of Operations
5. Actions/Initiatives/Engagements
6. Information Operations (IO) Career Force
7. Potential for NMCC Support to the MCIOC
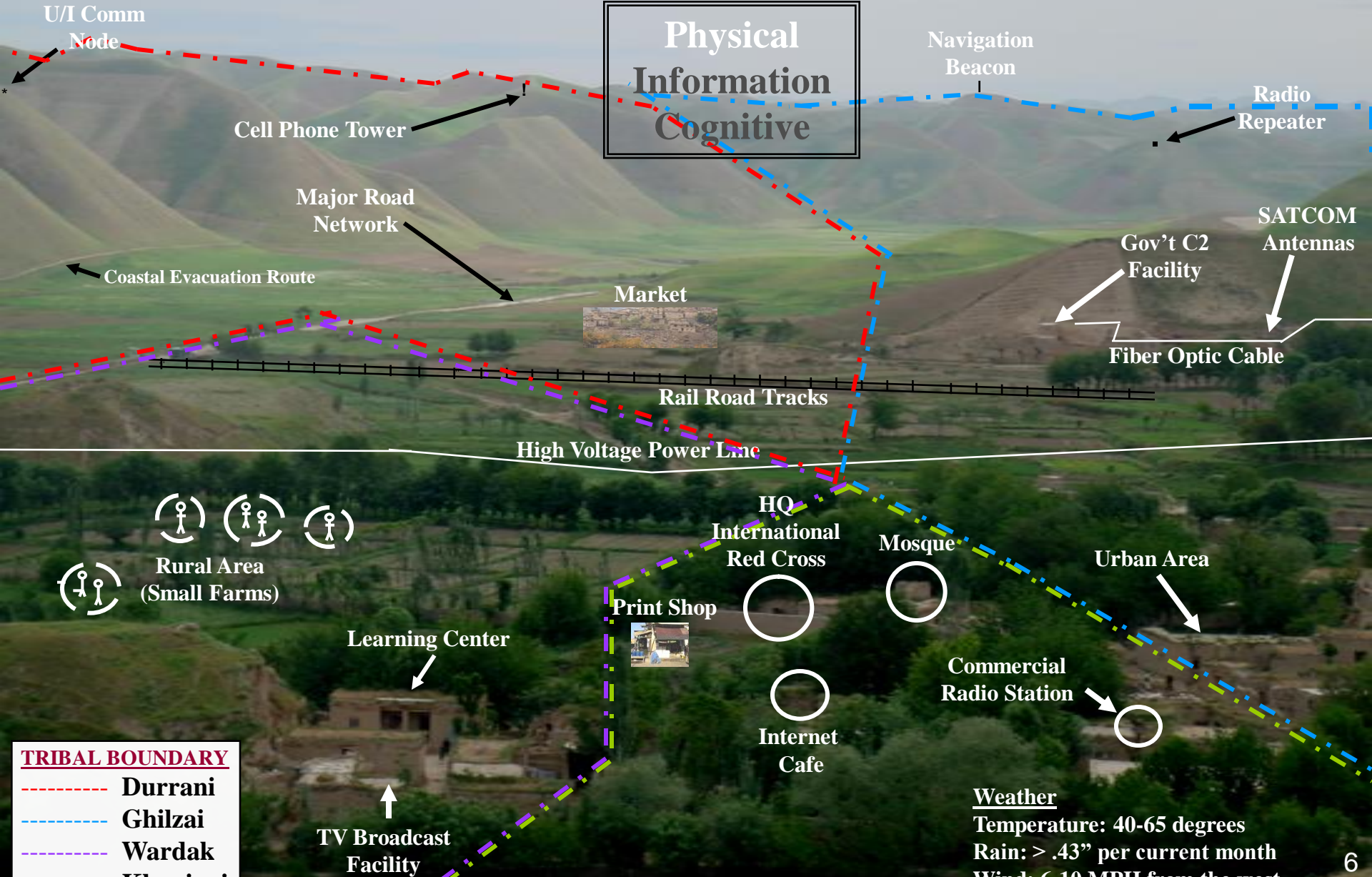8. Summary
9. Points of Contact

The Operating Environment
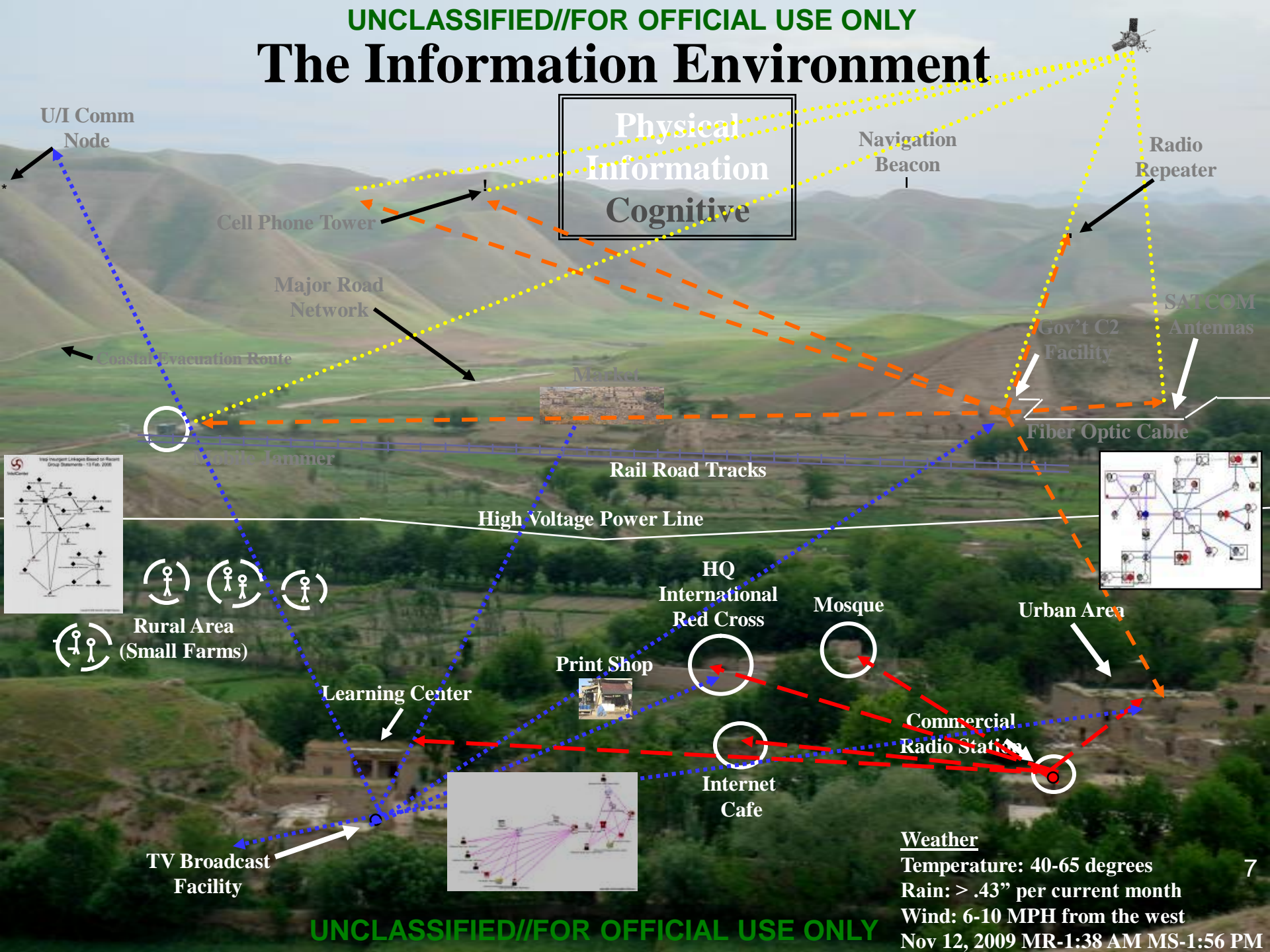
The Information Environment

U/I Comm Node

Cell Phone Tower

Physical
Information
Cognitive

Navigation Beacon

Radio Repeater

Major Road Network

SATCOM Antennas

Coastal Evacuation Route

Gov't C2 Facility

Market

Fiber Optic Cable

Rail Road Tracks

High Voltage Power Line

HQ International Red Cross

Mosque

Urban Area

Rural Area (Small Farms)

Print Shop

Learning Center

Commercial Radio Station

Internet Cafe

TRIBAL BOUNDARY

----------	**Durrani**
----------	**Ghilzai**
----------	**Wardak**
----------	**Khugiani**

TV Broadcast Facility

Weather
Temperature: 40-65 degrees
Rain: > .43" per current month
Wind: 6-10 MPH from the west
Nov 12, 2009 MR-1:38 AM MS-1:56 PM

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The Information Environment

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Navigation Beacon

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The Information Environment

Physical
Information
Cognitive

Hassan al-Tourabi

Mohammed Jamal Khalifa
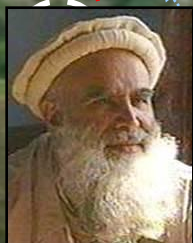
Ayman al-Zawahiri

Huda bin Abdul Haq

Mullah Muhammad Omar

Osama Bin Laden

Sulaiman Abu Ghaith
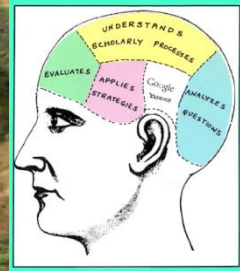
Abdul Rasul Sayyaf

Mullahs

Mohammed Mansour Jabarah

Adam Gadahn
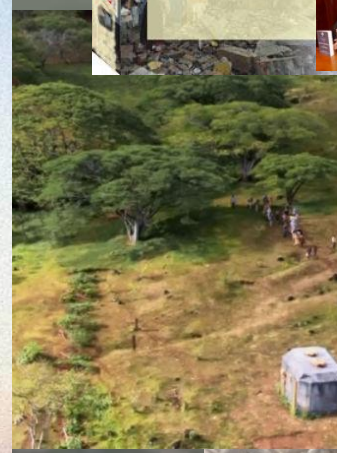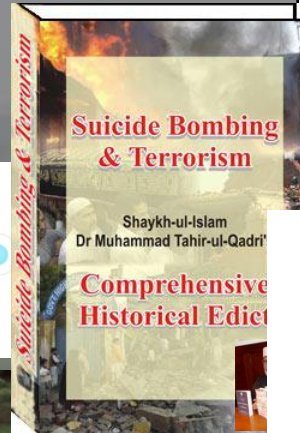
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The Global Operating Environment

IO Requirement Identified

Road to Identification & Implementation

2003 DoD IO Road Map: *Services directed to make IO a core competency and create an IO career path*

ALMAR 021/01: "*…integrate IO into our routine operations…*" Gen J. L. Jones

2005 Concepts & Programs: "*…MAGTFs must be organized, trained, and equipped to conduct IO …*" Gen M. W. Hagee

21st Century Marine Corps: "*… integrating IO into all aspects of MAGTF Operations...*" Gen M. W. Hagee

2006 Commandant's Planning Guidance: "*…apply a mix of combat and non-lethal actions…*" Gen J.T. Conway
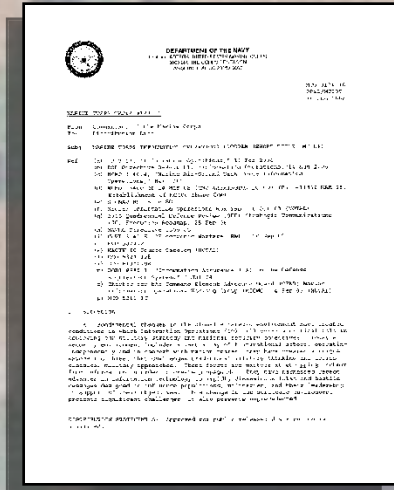
2008 Commandant's Planning Guidance: *establish comprehensive POA&M for the establishment of the MCIOC.* Gen J.T. Conway

"Hybrid Threats in Complex Environments": "*…IO is an important, if not critical, element to nearly everything we do and will only become more important in future ...*" USMC Strategic Vision Group (SVG)

Marine Corps Order (MCO) 3120.10, 30 June 2008:

• **Established the MCIOP (Marine Corps Information Operations Program).**

• **Designated the Marine Corps Information Operations Center (MCIOC) as the executive agent for the MCIOP.**

• **Defined the MCIOC's mission, core capabilities, and mission essential tasks (MET).**

• **Identified the baseline structure to guide the development of the Marine Corps' IO capabilities, requirements, doctrine and training programs.**

Joint & USMC IO Concepts

Joint Definition: The integrated employment of the core capabilities of electronic warfare, computer network operations, psychological operations, military deception and operations security, in concert with specified supporting and related capabilities, to influence, disrupt, corrupt or usurp adversarial human and automated decision making while protecting our own.

JP 3-13, Feb 2006

USMC Definition: <u>IO include all actions taken to affect enemy information and information systems</u> while defending friendly information and information systems. IO are focused on the adversary's key decision-makers and are conducted during all phases of an operation, across the range of military operations, and at every level of war.

MCWP 3-40.4, Jul 2003

<u>IO is an integrating function</u> that facilitates the warfighting functions. It's not simply another "arrow" in the MAGTF commander's quiver but a broad-based capability that "makes the bow stronger."

MCWP 3-40.4

USMC Vision & Guidance

<u>Commandant's Guidance</u>: We shall leverage joint and government resources to the maximum extent possible and develop specific organic capabilities as required. We must train and educate Marines at all levels on the challenges and opportunities presented by the Information Age so that it becomes inherent in everything we do. Just as every Marine is a collector of tactical information, *<u>every Marine must also understand how their actions contribute to our information activities.</u>*"

USMC Vision & Strategy 2025, Jun 2008

"The Marine Corps Information Operations Center will ensure MAGTFs are capable of executing IO to secure, shape, and condition the operational environment, and ultimately achieve our military strategy and national security objectives."

Marine Corps IO Center CONOPS:
Support to the MAGTF
6 July 2009
DC PP&O

Information Operations
(BOTTOM LINE)

- **IT IS NOT:**
  - **All about technology**
  - **Focused on individual capabilities, i.e., PYSOP, EW, CNO, etc**
  - **Strategic Communication**
  - **Public Affairs**

- **IT IS:**
  - **All about *influencing key decision makers and populations* through operations within and affecting the information environment**
  - **The *art of integrating* lethal and non-lethal capabilities to affect the information environment (supports combat operations)**
  - **Employed across the spectrum of conflict and throughout every phase (0-5) of operations**
  - **Consistent with strategic communication goals and synchronized with public affairs**
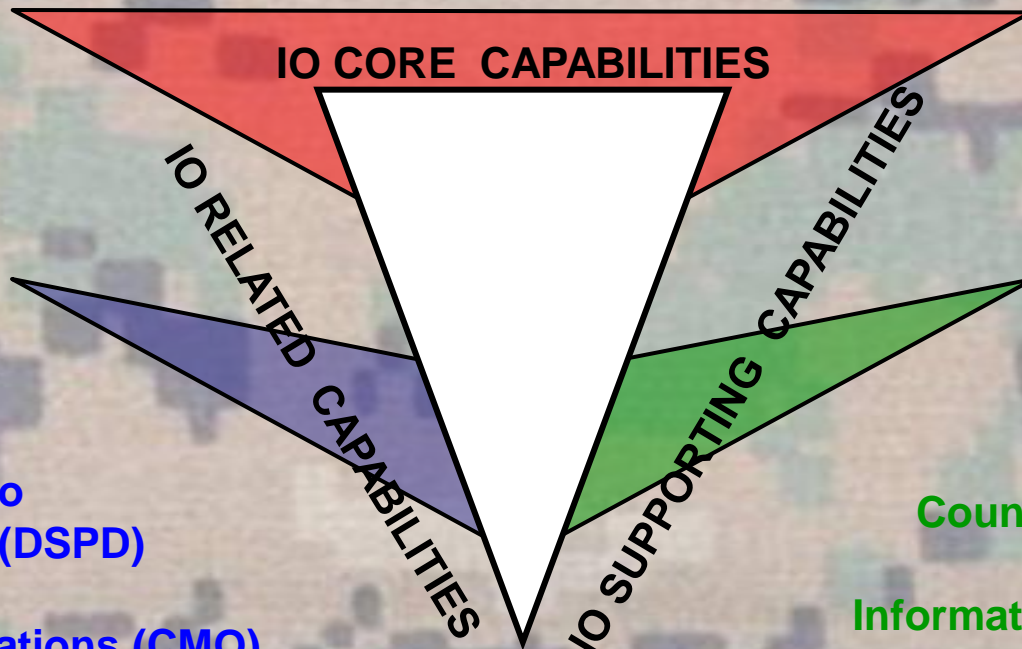
Core-Supporting-Related Capabilities

EW   CNO
MILDEC   OPSEC
PSYOP

IO CORE CAPABILITIES

IO RELATED CAPABILITIES

IO SUPPORTING CAPABILITIES

Public Affairs (PA)

Defense Support to
Public Diplomacy (DSPD)

Civil Military Operations (CMO)

Key Leader Engagement (KLE)

Physical Attack

Physical Security

Counterintelligence (CI)

Information Assurance (IA)

Combat Camera (COMCAM)

Executing the Intent & Vision
(Establishment of the Marine Corps Information Operation Center)

Marine Corps Information Operations Center (MCIOC)

Mission Statement: The MCIOC will provide MAGTF commanders and the Marine Corps a *responsive and effective full-spectrum information operations (IO) planning* and *psychological operations (PSYOP) delivery capability by means of deployable support teams* and a *comprehensive general support IO reach-back capability IOT support the integration of IO* into Marine Corps operations.
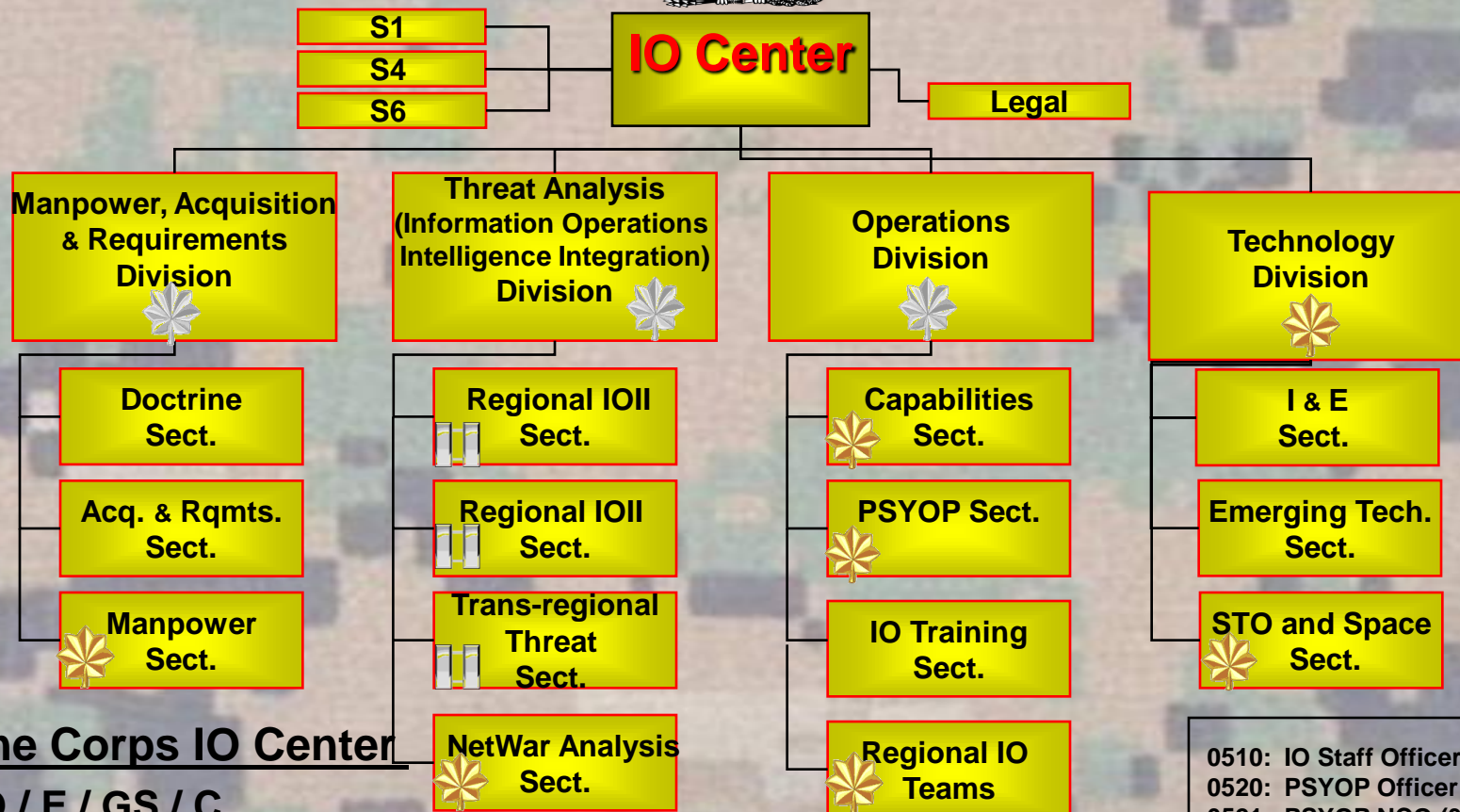
MCO 3120.10

MCIOC Support to the MAGTF

➢ **Provides mobile training teams (MTT) for on-site unit and MAGTF IO training**

➢ **Supports unit and MAGTF IO officers/staff during exercises with the integration of IO into the Marine Corps Planning Process (MCPP)**

➢ **Deploys IO subject matter experts (SMEs) to assist with the integration of IO during pre-deployment training cycles**

➢ **Provides reachback/coordination to the MAGTF throughout operational deployments**

➢ **Provides deployed IO mission planners as required, to augment the MAGTF's organic IO capabilities during operational deployments**

➢ **Coordinates external (USMC, Joint, Interagency, Coalition, and OGA) IO capabilities in support of the MAGTF as required**

Organization

- S1
- S4
- S6

IO Center

Legal

Manpower, Acquisition & Requirements Division
- Doctrine Sect.
- Acq. & Rqmts. Sect.
- Manpower Sect.

Threat Analysis (Information Operations Intelligence Integration) Division
- Regional IOII Sect.
- Regional IOII Sect.
- Trans-regional Threat Sect.
- NetWar Analysis Sect.

Operations Division
- Capabilities Sect.
- PSYOP Sect.
- IO Training Sect.
- Regional IO Teams

Technology Division
- I & E Sect.
- Emerging Tech. Sect.
- STO and Space Sect.

Marine Corps IO Center

O / E / GS / C

37 / 64 / 35 / 29

165

On hand

24 / 31 / 11 / 31 (res 2/1)

100

~300 Total IO Billets in Marine Corps

0510: IO Staff Officer (13)
0520: PSYOP Officer (5)
0521: PSYOP NCO (39)
0550: Advanced IO Planner:
0551: IO Specialist (12)
8834: Technical IO Officer (5)
O = Officer
E = Enlisted
G = Government
C = Contractor

Mission Partners

Coordination & Integration
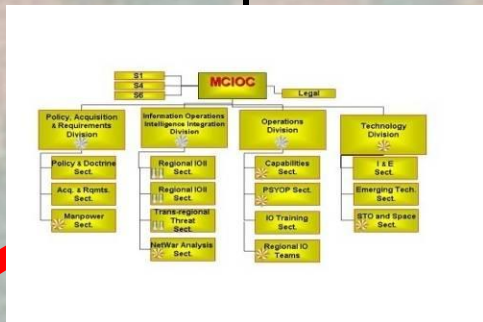
Internal Coordination

External Coordination

Concept of Operations

Task Organizing for Operations

DC PP&O

Two elements:
- **Reachback Teams**
  - IO Planners
  - IOII
- **Deployable Teams**
  - IO Planning Teams
  - PSYOP Teams
  - Combined Teams

Requesting Support:
- **Initial coordination with MCIOC**
- **MCIOC develops tailored Concept of Support**
- **MAGTF submits official request for support via PP&O**
- **PP&O approves and authorizes Direct Support for operations**

Deploy

Task Organize

IO Tms

PSYOP Tms

COMCAM

CIED

Intel/Ops Reachback Teams

II MEF
- **SOUTHCOM, EUCOM AFRICOM, CENTCOM**
- **22, 24, 26 MEU**

OEF   OIF

I MEF
- **PACOM, CENTCOM**
- **11, 13, 15 MEU**

III MEF
- **WESTPAC**
- **31 MEU**

Middle East/Levant Regional Reachback Team

Europe/Eurasia/Africa Regional Reachback Team

South/Central America Regional Reachback Team

Pacific Regional Reachback Team

Reachback: The process of obtaining products, services, forces, equipment, and material from organizations that are not forward deployed (JP 1-02)

IOPT

IOPT

1 O-4 OIC
1 O-3 Asst. OIC
1 O-4 Intel
1 O-3 IO Planner
1 O-2 IO Planner
1 E-5 IO Planner
1 CTR IO Planner

MAGTF-A:

IOPT Capabilities

Provide IOPT and reach-back capable of providing IO SME expertise in:

- Mission planning
  - IO core capabilities
  - The supporting capability of Combat Camera
  - The related capability of civil military operations
- Threat and nodal analysis
- Regional IO target expertise
- STO
- Intel
- MOE development & analysis

Task/Purpose/End-state

Task: Organize, train, equip, and deploy a USMC Information Operations Planning Team

Purpose: NLT IOC, per MCIOC CONOP PH II, prepare to deploy an IO planning team for operational employment in support of I MEF Fwd

End-State: A validated pre-deployment training and certification checklist, a fully prepared USMC IO Planning team able to provide theater specific IO planning support and coordinate PSYOP and reach-back support for a forward deployed MAGTF.

Regional Reachback Team (RRT) Composition

Regional Reachback Teams

- **Regionally focused**
- **Provide IO intelligence, planning, coordination and assessment support**
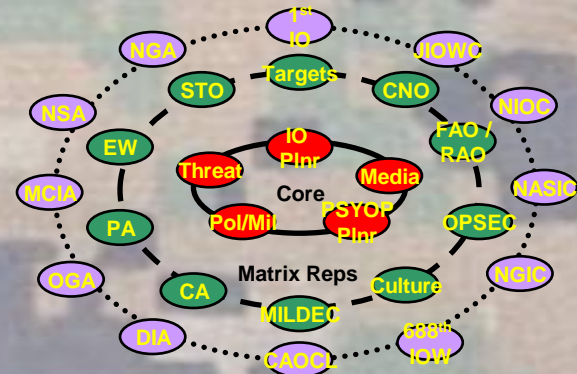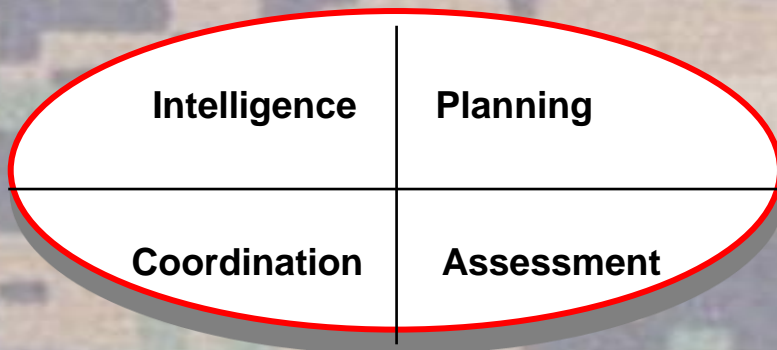- **Task organized and weighted to Marine Corps' main effort**

Task/Purpose/End-state

Task: Provide reachback capability within the Marine Corps IO Center providing IO support to the Marine Corps, Joint Forces and Coalition Partners

Purpose: IOT support the Marine Corps IO mission

End-State: Sustained capability of internal communications, internally develop products and leverage external resources to satisfy requests for information and disseminate timely, accurate and relevant information

Four Primary Functions

Intelligence	**Planning**
Coordination	**Assessment**

NGA, 1st IO, JIOWC, STO, Targets, CNO, NSA, NIOC, EW, IO Plnr, FAO / RAO, Threat, Media, MCIA, Core, NASIC, PA, Pol/Mil, PSYOP Plnr, OPSEC, OGA, CA, Matrix Reps, Culture, NGIC, DIA, MILDEC, 688th IOW, CAOCL

Expeditionary PSYOP

1 MO
8 ME
EPD

1 MO
2 ME
EPT

0 MO
3 ME
EPT

0 MO
3 ME
EPT

Task/Purpose/End-state

Task: Develop a PSYOP delivery capability within the USMC

Purpose: IOT support the MAGTFs with the integration of PSYOP planning and delivery capabilities

End-State: Deploy and sustain MCIOC Expeditionary PSYOP Teams in support of MAGTFs

Progress

• **Aug 09: coordinated with USAF for POQC seat**

• **Sep 09: coordinated with 4th POG for sustainment training**

• **Nov 09: Two Marine Officers and Enlisted complete POQC and PSYOP Reclass**

• **Nov 09: Coordinated CA PSYOP, USARC PSYOP, and USAJFKSWCS PSYOP Training for Marines**

• **Jan 10: Support to SOUTHCOM and JTF-Haiti**

Schedule/Milestone

• **Dec 09: PSYOP T&R Submitted to TECOM**

• **Jan 10: Send 10 Marines to PSYOP School; 5 to USAJFKSWCS and 5 to Fort Dix PSYOP RECLASS**

• **Jun 10; IOC +180: Support one MEU with an EPT;**

• **JUL 10; 16 Personnel PSYOP trained**

• **Jan 11; FOC: Support one MEB and two MEUs**

• **JAN 11; 41 Personnel PSYOP trained**

Actions/Initiatives/Engagements
(Highlights)

DOTMLPF Update

	Accomplishments	Focus of Effort
Doctrine	• MCWP 3-40.4, MAGTF Information operations, forwarded to Doctrine Control Division, CDD for staffing	• Complete review of all USMC IO Doctrine (FOC)
Organization	• Sections IOPT / PSYOP / Threat Analysis Div / Capabilities • TOECRs / IMA Det established	• Reorganize to support RCTs (3)
Training	• Completed IO T&R and submitted PSYOP T&R manual - awaiting TECOM approval. • TIP for FT11 PSYOP and IO MOS producing schools	• EWTGLANT IO curriculum review • Coordinating with TECOM for funding of school seats
Material	• Final T/E validation complete with TFSD and FMID • NMCI, SIPRNET, OSIS and JIWCS connections operational – PDAS to follow.	• Submit T/E requisitions for equipment and gear • Prepare EPT-1 for deployment
Leadership	<u>**KLE:**</u> OSD(I), HQMC C4I, HQMC PA, TECOM, MMOA/MMEA, IIMEF, IIIMEF, MAGTFTC, TTECG, MCTOG, MAWTS, MCIA, MARFORCyber, MARFORRES, USSTRATCOM & MARFORSTRAT, USNORTHCOM & MARFORNORTH, USCENTCOM & MARFORCENT, USSOUTHCOM & MARFORSOUTH, USPACOM & MARFORPAC, USSOCOM & MARFORSOC, USASOC, JWAC, JIOWC, ONR, ONI, CNA, 688th IO Wing, USAFAC Fort Sill Fires COE	• Incorporate IO into USMC PME: - MSTP, CSC, CCE • <u>**Continue KLE**</u>: JIEDDO, NRO, CIA, 4th POG, USAJFKSWC, USEUCOM & MARFOREUR, USAFRICOM & MARFORAF

Personnel

	Authorized	On Hand		Authorized	On Hand
Officers	37	23	**Civilians**	35	11
Enlisted	64	31	**CNTRs**	32	29

Focus of Effort (Personnel):
• Executing Occ Field responsibilities
  - IO, PSYOP, COMCAM, CA
• Mapping USMC 0521/0551 billets

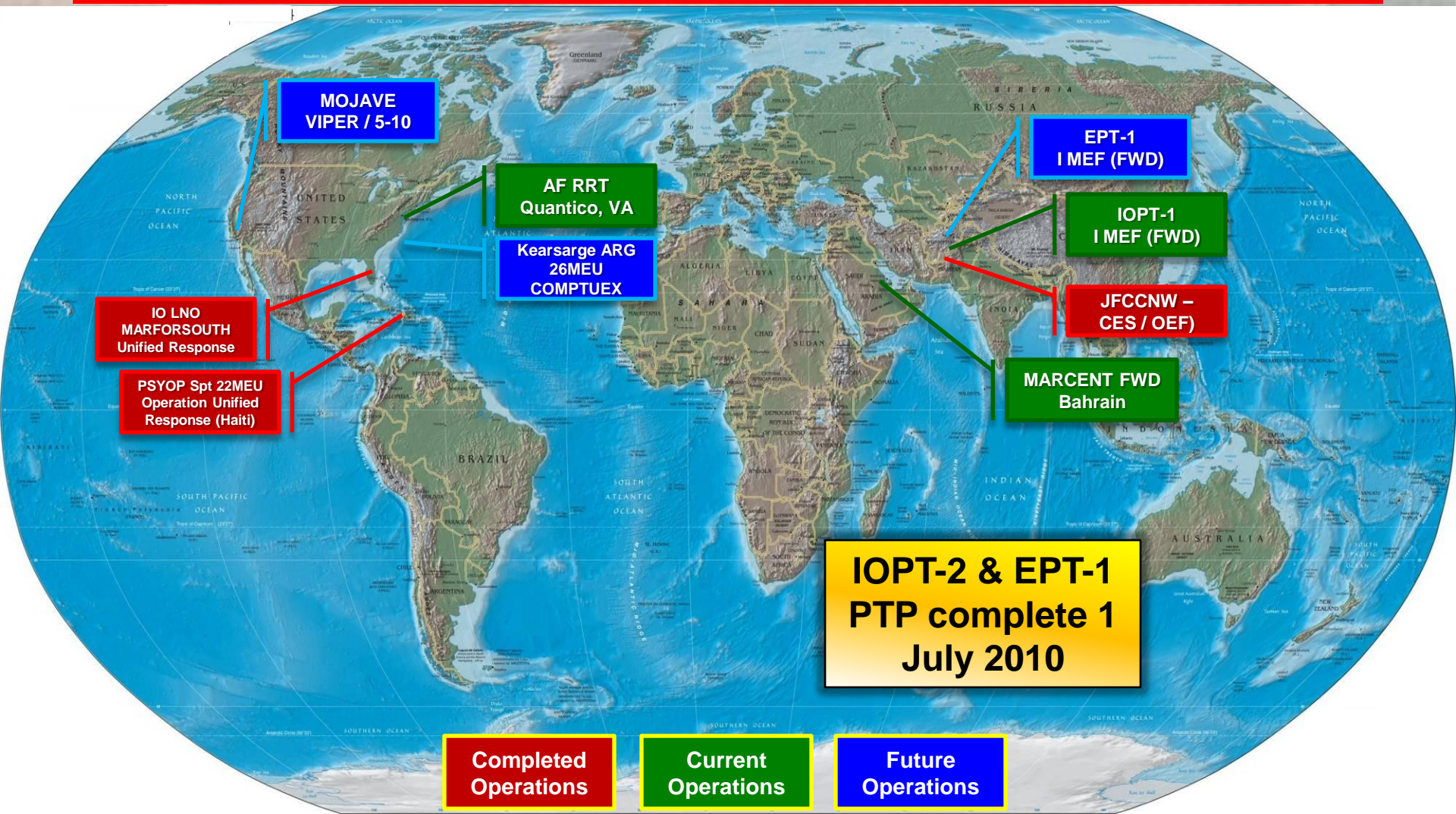|	Accomplishments	Focus of Effort
Facilities	• Area 2 accreditation & Open Storage Collateral certified • IDS acceptance / DCS account established	• Publish policy documents • Area 3: STO Cell / MILCON (Sept 2010)

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Training/Exercise/Operations
(Highlights)

- **Training**
  - **Continuous Collaborating/Coordination with TECOM**
  - **IO T&R Manual (pending signature)**
  - **PYSOP T&R Manual (in progress)**
  - **PSYOP Trained Marines: 23 academic requirements completed**
  - **IO/PYSOP training support to EWS**

- **IO Planning/Exercise Support:**
  - **PTP I MEF (Jan 10)**
  - **Expeditionary Warrior 2010**
  - **Terminal Fury**
  - **Barbary Sword (II MEF)**
  - **IO Certification EWTG LANT (24 MEU)**
  - **MSTP Coordination/Support**
  - **MCTOG Coordintion/Suppport**

- **Operational Support:**
  - **Reached IOC Jan 2010**
  - **Support to JFCCNW (Cyber)**
  - **IO Planner support to CENTCOM Forward (Bahrain)**
  - **Support to Operation Unified Response (22 MEU and MARFORSOUTH)**
  - **IOPT #1 Deployed in support of I MEF (FWD)**
  - **Establishment of Regional Reachback Element/Team for Afghanistan**

Global View; MCIOC Operations

MOJAVE
VIPER / 5-10

EPT-1
I MEF (FWD)

AF RRT
Quantico, VA

IOPT-1
I MEF (FWD)

Kearsarge ARG
26MEU
COMPTUEX

JFCCNW –
CES / OEF)

IO LNO
MARFORSOUTH
Unified Response

PSYOP Spt 22MEU
Operation Unified
Response (Haiti)

MARCENT FWD
Bahrain

IOPT-2 & EPT-1
PTP complete 1
July 2010

Completed Operations

Current Operations

Future Operations

Around the Corner

- **IOC for PYSOP (July)**
- **FOC for MCIOC (Jan 2011)**
- **Full occupation of the MCIOC Facility**
- **Establishment of MCIOC IMADET**
- **Deployment of EPT 1 (TDB) Ready 1 July**
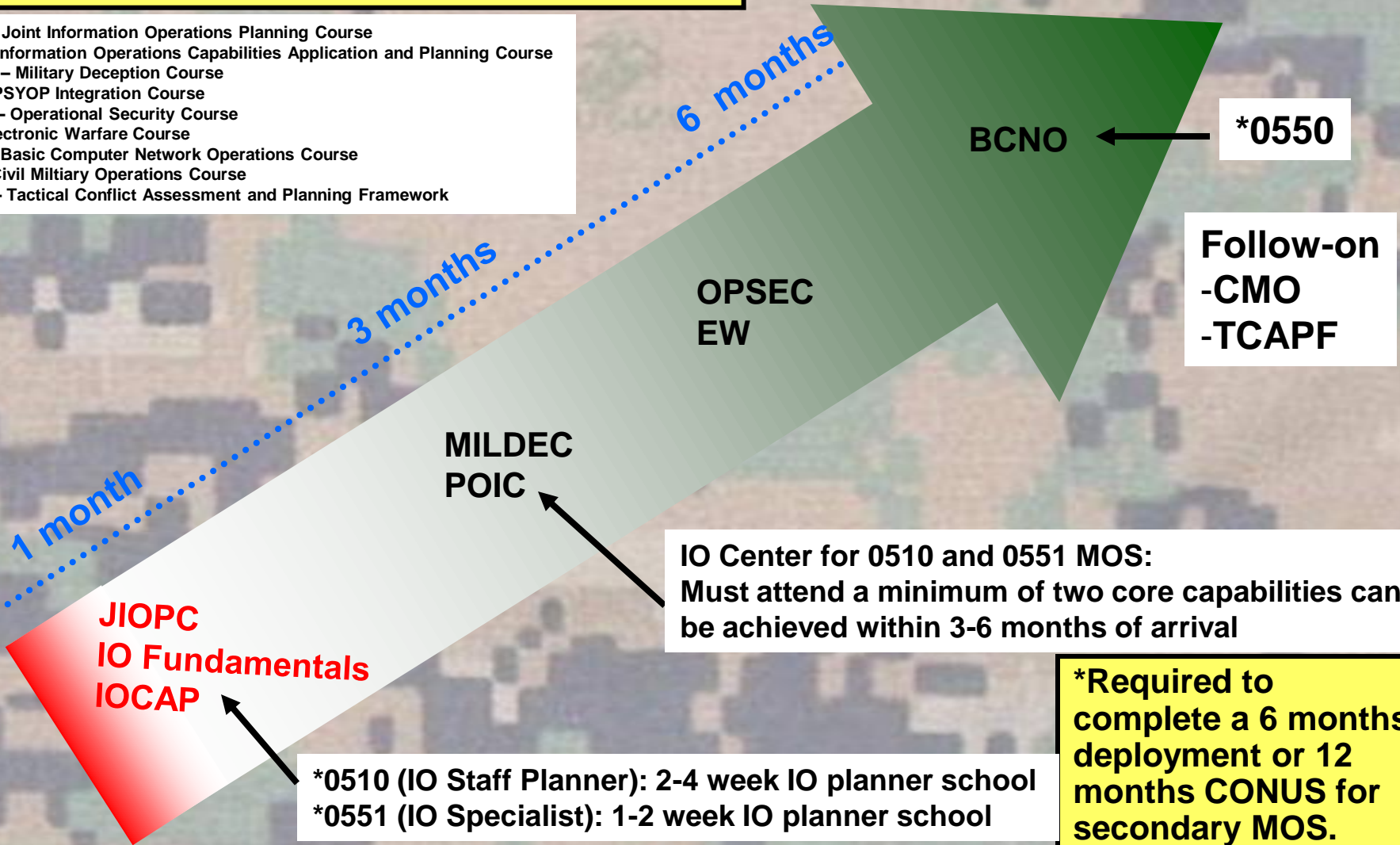- **Deployment of IOPT 2 (TBD) Ready 1 July**

IO Career Force

Migration to IO Warrior

Marine Corps has no formal IO schools

JIOPC – Joint Information Operations Planning Course
IOCAP- Information Operations Capabilities Application and Planning Course
MILDEC – Military Deception Course
POIC – PSYOP Integration Course
OPSEC – Operational Security Course
EW – Electronic Warfare Course
BCNO – Basic Computer Network Operations Course
CMO – Civil Miltiary Operations Course
TCAPF – Tactical Conflict Assessment and Planning Framework

6 months

3 months

1 month

BCNO

*0550

**Follow-on
-CMO
-TCAPF**

**OPSEC
EW**

**MILDEC
POIC**

**JIOPC
IO Fundamentals
IOCAP**

**IO Center for 0510 and 0551 MOS:
Must attend a minimum of two core capabilities can
be achieved within 3-6 months of arrival**

***0510 (IO Staff Planner): 2-4 week IO planner school
*0551 (IO Specialist): 1-2 week IO planner school**

***Required to
complete a 6 months
deployment or 12
months CONUS for
secondary MOS.**

Potential for NMCC Support to the MCIOC

- **Feedback on MCIOC Website http://www.marines.mil/unit/mcioc**

- **Recruiting – getting the word out**

- **Feedback on MCIOC operational concepts/way forward**

- **Future OAG support**

- **Family Readiness**

Summary

The Marine Corps Information Operations Center will:

- ➤ **Ensure that the Marine Corps develops the necessary capability and capacity to effectively operate in the information environment**

- ➤ **Enable MAGTFs to leverage joint and government resources to the maximum extent possible and will advocate the development of specific organic capabilities as required**

- ➤ **Ensure Marines at all levels are trained and educated to conduct Information Operations**

- ➤ **Ensure that Marines understand how their actions contribute to our information activities**

Ensure that IO becomes inherent in everything we do

"AQN uses kinetics ISO their IO campaign;
we use IO ISO our kinetic campaign…
Who has it right?"

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