



## Marine Corps Information Operations Center

Col Frank K. Chawk, III  
CO, MCIOC

This brief is classified **UNCLASSIFIED**



# Marine Corps Information Operations Center

## Mission

*The MCIOC provides operational support to the Marine Forces (MARFOR) and to the MAGTF and provides IO subject matter expertise in support of the USMC IO advocate IOT enable the effective integration of IO into Marine Corps operations.*



**Established in 2009**

**Located aboard Marine Corps Base Quantico**

**Provide IO or PSYOP teams to Marine Corps deployed forces**

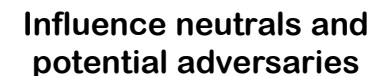
**Provide IO reach back support to deployed forces**

**Support training and education**

**Support force development**

**Information Operations (IO) is defined as the integration, coordination, and synchronization of all actions taken in the information environment to affect a target audience's behavior in order to create an operational advantage for the commander.**

**MAGTF IO is an inherent element of all operations to enable and enhance the overall ability to conduct successful military operations**



***“Applicable across the range of military operations, at all levels of war, and throughout all phases of operations.”***

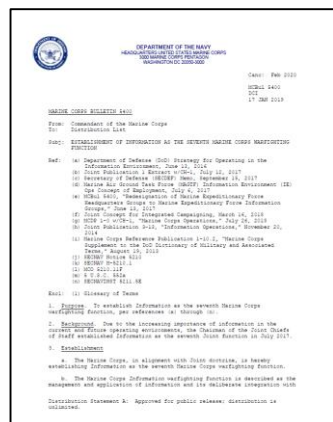
UNCLASSIFIED



# Information as a Warfighting Function

## Marine Corps Bulletin 5400 Establishment of Information as the Seventh Marine Corps Warfighting Function

***“The Marine Corps Information warfighting function is described as the management and application of information and its deliberate integration with other warfighting functions to influence relevant actor perceptions, behavior, action or inaction, and support human and automated decision making. The Information warfighting function helps commanders and staffs understand and leverage the pervasive nature of information, its military uses, and its application across all operational phases and the Range of Military Operations (ROMO). This function provides the Marine Corps with the ability to integrate the generation and preservation of friendly information while leveraging the inherent informational aspects of all military activities and Service level operations to achieve Marine Corps objectives.”***



*In line with current joint doctrine*





# Marine Corps PSYOP

Psychological operations (PSYOP) forces conduct Military Information Support Operations (MISO) to convey selected information and indicators to foreign audiences to influence their emotions, motives, and objective reasoning and ultimately induce or reinforce foreign attitudes and behavior favorable to the originator's objectives. PSYOP forces devise and execute psychological actions and craft persuasive messages using a variety of audio, visual, and audiovisual products, which can then be delivered to both targets and audiences.

*- Joint Publication 3-0, Joint Operations*

USMC PSYOP is primarily a tactical capability focused on Planning, Target Audience Analysis, Product Dissemination, and Program Evaluation.

## MAGTF in Shaping Operations

Introduce and support of  
Forces messaging

Publicize MAGTF  
operations/events



## MAGTF in Combat Operations

Influence enemy forces  
during tactical operations

Influence civilian populations  
during combat operations

**Achieves observable behavior change**

Across the Range of Military Operations, maneuvering within the cognitive domain, using multi-media and psychological actions (PSYACTs) in a combined arms approach



# Systems Currently in Use

## Paper Spock



### (U) SYSTEM DESCRIPTION

- ☐ (U) VHF/UHF
- ☐ (U) Scheduled PSYOP Dissemination
- ☐ (U) Equipment is primarily utilized for PSYOP conventional military operations.
- ☐ (U) Man Portable

## Rodent



### (U) SYSTEM DESCRIPTION

- ☐ (U) Broadcast information paths
  - ☐ (U) UHF
  - ☐ (U) FM
  - ☐ (U) DVB-T/ATSC
  - ☐ (U) Continuous PSYOP Dissemination
- ☐ (U) Equipment is primarily utilized for PSYOP conventional military operations.
- ☐ (U) Man portable

## Tactical Transmitter Kit (TTK)



### (U) SYSTEM DESCRIPTION

- ☐ (U) Range
  - ☐ (U) FM operation: 87.5 – 108 MHz
  - ☐ (U) FM coverage up to 30 miles via organic Omni-directional antenna.
  - ☐ (U) Approximate 330W of output power, frequency dependent.
- ☐ (U) System Requirements
  - ☐ (U) House power 110-220V, 24VDC via NATO connector
- ☐ (U) Operations
  - ☐ (U) Operated from a laptop via Windows media player
  - ☐ (U) Ability to create playlists of pre-recorded media
  - ☐ (U) Live broadcast capable
  - ☐ (U) Continuous PSYOP Dissemination
  - ☐ (U) Equipment is primarily utilized for PSYOP conventional military operations.



# Systems Being Phased In

## Fly Away Broadcast System (FABS) Marine Corps Variant (MCV) Heavy



### (U) SYSTEM DESCRIPTION

- ☐ (U) **PSYOP DISSEMINATION RANGES:** FM/VHF/UHF/GSM
- ☐ (U) **DIGITAL TELEVISION CAPABILITY:** ATSC and DVB-T (7, 8, 9)
  - ☐ File input: mp4, mp3, avi, mpeg, gif and others)
- ☐ (U) **ANTENNAS:** Variety (omni/directional) to cover all bands/freqs
- ☐ (U) Possible 1000W of power determined by user and mission.
- ☐ (U) Equipment is primarily utilized for PSYOP conventional military operations

## Fly Away Broadcast System (FABS) Marine Corps Variant (MCV) Light



### SYSTEM DESCRIPTION

- ☐ **FM/VHF/UHF/Digital TV/GSM**
- ☐ **Ground Television**
  - ☐ ATSC and DVB-T (6, 7, 8)
  - ☐ File Input: mp4, mp3, avi, mpeg, gif, etc...
- ☐ **Target:** GSM
  - ☐ Broadcast SMS messages
- ☐ **Output Power:** User defined up to 15 Watts
- ☐ **Antennas:** Variety (omni/directional) to cover all bands/frequencies
- ☐ Equipment is primarily used for PSYOP conventional military operations



# Next Generation Loud Speaker (NGLS)

## Dismounted



### (U) SYSTEM DESCRIPTION

- ☐ (U) Max intelligible Range
  - ☐ (U) Environment factors will affect max distance, i.e. wind, humidity, terrain.
- ☐ (U) System Requirements
  - ☐ (U) Battery operated via BB-2590/U
  - ☐ (U) Battery charger with (1) additional battery is SL-3.
- ☐ (U) Operations
  - ☐ (U) 3.5mm input allows for use of any commercially available MP3 player
  - ☐ (U) Live PSYOP Disemmination via H-250 handset.
  - ☐ (U) Man portable, 5 minute set up
  - ☐ (U) Equipment is primarily utilized for PSYOP conventional military operations.

## Mounted



### (U) SYSTEM DESCRIPTION

- ☐ (U) Max intelligible Range
  - ☐ (U) Environment factors will affect max distance, i.e. wind, humidity, terrain.
- ☐ (U) System Requirements
  - ☐ (U) 12V/24VDC via NATO connector or external 12 Battery
- ☐ (U) Operations
  - ☐ (U) 3.5mm input allows for use of any commercially available MP3 player
  - ☐ (U) Live PSYOP Disemmination via H-250 handset.
  - ☐ (U) Equipment is primarily utilized for PSYOP conventional military operations.



# Questions



## MCIOC Points of Contact

### Commanding Officer

- Col Frank Chawk
- NIPR: [fchawk@mcia.osis.gov](mailto:fchawk@mcia.osis.gov)
- Phone: (703)-784-5000

### Chief of Staff

- Mr. David Grohoski, GS-15
- NIPR: [dgrohoski@mcia.osis.gov](mailto:dgrohoski@mcia.osis.gov)
- Phone: (703) 784-5443

### Executive Officer

- LtCol Robert Johnson
- NIPR: [rjohnson2@mcia.osis.gov](mailto:rjohnson2@mcia.osis.gov)
- Phone: (703)-784-5849

### Operations Officer

- LtCol William Hill
- NIPR: [whill@mcia.osis.gov](mailto:whill@mcia.osis.gov)
- Phone: (703)-784-5843

### Deputy Operations Officer

- Mr James McNeive, GS-14
- NIPR: [jmcneive@mcia.osis.gov](mailto:jmcneive@mcia.osis.gov)
- Phone: (703)-784-5847