

# **The BOC, AOC, VI, & DRAKE courses promptly begin at 0700 at JEBC in building #1562**

## **ADVANCED OPERATIONS COURSE (AOC) (CIN: TBD- (In House))**

Course length: 32 hours

Class size: 8 Students Maximum

Target audience: Master, Chief Mate, Nav Ops, Ops Chief

Periodicity: 5 Years

Course Description: MSC's AOC of instruction provides an overview of USN's fleet operations and how MSC's interaction with the Navy is critical to mission accomplishment. The course updates the student on the latest fleet tactics, techniques, and procedures to include operations in a contested environment. Additionally, resources available to assist the student in their day-to-day planning/operations are discussed. Lesson plans are based around PowerPoint presentations but are enhanced by open discussions from student and instructor real-life experiences in the fleet. This 32 hour course is taught at the Secret level. The following topics are discussed throughout the course:

- Operational Orders and Procedures
- Operational Reports (Defense Readiness Reporting System- DRRS, and Casualty Reports (CASREPS)
- Warfare Area Review
- Naval Operational Concepts for the Contested Naval Environment (CNE)
- Intelligence Threat Overview and Great Power Competition (GPC) scene setter
- Counter-Targeting Concepts & Techniques
- Sovereign Immunity considerations for senior ship leadership
- Communications (CHAT, RT, Visual)
- Collaboration at Sea (CAS) portal usage for operational guidance
- Anti-Terrorism/Force Protection (ATFP) overview
- Bridge Resource Management (BRM) scheduling overview
- Visual Information overview
- DRAKE Counter Unmanned Aerial System (UAS) overview
- Operations applications practical/seminar

## **BASIC OPERATIONS COURSE (BOC) (CIN/CDP: TBD – (In House) and Exportable))**

Course length: 32 hours

Class size: 8 Students Maximum

Target Audience: Per MSC Ship Class Competency Matrices, BOC is required for all 2/Os, 3/Os and Ops Chiefs.

Periodicity: Once

Course Description: MSC's BOC provides a foundational understanding of the U.S. Navy's organization, capabilities, command and control, operations, doctrine, policies and tactics, techniques and procedures. The course is not intended to make a sailor out of the mariner, but to enhance the CIVMAR's awareness of how the combatant Navy conducts business, at sea, on a day-to-day basis, enabling a smoother operational integration of MSC ships. As CIVMARs build on the course foundation, and develop their skills, they will play a key role in enhancing MSC ship integration with the combatant fleet. This 32-hour course is classroom intensive with practical exercises to enhance the training curriculum. Course is taught at the UNCLASSIFIED level. The following topics are covered throughout the course:

- Information & Operations Security
- Global Scene Setter
- MSC Organization and the MSC Fleet (MSC 101)
- USN Ships and Aircraft (Relevant to Surface Operations)
- Introduction to Maritime Logistics
- USN Command and Control (C2)
- Naval Warfare Areas
- Radiotelephone & Tactical Signaling Procedures (w/ practical exercise)
- Sovereign Immunity
- Maneuvering Board Basics: Screen and Form Steaming, Wind Wheel for Flight Ops
- Introduction to Naval Messaging (w/ practical exercise)

### **JOINT COUNTER RADIO-CONTROLLED IMPROVISED EXPLOSIVE DEVICE ELECTRONIC WARFARE (JCREW) DRAKE COUNTER-SMALL UNMANNED AERIAL SYSTEM (C-SUAS) OPERATOR AND MAINTAINER COURSE**

Course length: 16 hours  
Class size: 6 Students Maximum  
Target Audience: NOTE 1  
Periodicity: NOTE 1

Course Description: MSC ships are being outfitted with the Joint Counter Radio-Controlled Improvised Explosive Device Electronic Warfare (JCREW) DRAKE Counter small-Unmanned Aerial System (C-sUAS). When available, the JCREW DRAKE system is operated by U.S. Navy Embarked Security Teams (EST) to protect MSC ships from UAS threats. However, not all MSC ships have EST embarked, and the UAS threat is global. MSC mariners are being trained to operate and maintain the JCREW DRAKE system to protect their ships, no matter their area of operation. The course is taught at the SECRET level, and provides extensive practical exercises with actual DRAKE equipment. The following topics are covered throughout the course:

- Introduction to Small Unmanned Aerial Systems (sUAS) and Their Potential Threat
- C-sUAS Employment Guidance
- C-sUAS Policy and Reporting Requirements
- C-UAS System Operator Functions

- DRAKE Battery Safety and Charger Operation
- DRAKE C-sUAS System Maintainer Functions

NOTE 1: Information not yet available. See COMSCINST 9470.1 and COMSCINST 5530.3H for guidance. Contact TCHR for further information.

## **VISUAL INFORMATION (VI) OPERATIONS**

Course length: 16 hours

Class size: 6 Students Maximum

Target audience: Licensed deck officers, OPS Chiefs

Periodicity: Once

Course Description: The complex, dynamic and often contested operational environment in which MSC's vessels routinely sail requires the ability to visually document events and operations. VI provides the military chain of command information it needs to better inform its stakeholders both inside and outside of Government with rapid, factual information regarding military operations. VI is defined as still photography and video products that are collected, transmitted and disseminated in a timely manner and contribute to the fleet commanders' operational and strategic decision-making process, provide support for analysis, and enrich public comprehension.

Students will train with the procedures and equipment required to capture, process and quickly transmit VI to higher authority. Topics include tasks and activities necessary to execute the VI mission, including collection, transfer and dissemination of VI in accordance with higher authority requirements.