

CHAPTER 1: USNA NOTABLE GRADUATES & FIRST LINK ASSIGNMENT

N/A

CHAPTER 2: U.S. NAVY PERSONNEL

3/C MQS

1. Know the typical shipboard divisional chain of command.

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2. Know the typical organization of a Supply Department on a small fleet unit.

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3. Know the primary tasks performed by the following ratings.

- a. Culinary Specialist (CS)
- b. Logistics Specialist (LS)
- c. Retail Specialist (RS)

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4. Describe the basics of each of the following and how they are used to support tactical units:

- a. Radio Frequency (RF) Communications
- b. Satellite Communications
- c. Terrestrial Network Infrastructure

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5. Know the definition of Joint Intelligence Preparation of the Operational Environment (JIPOE).

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6. Know the three categorizations of Cyberspace Operations.

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7. Know the three Levels of Intelligence.

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CHAPTER 3: MISSION OF THE U.S. NAVY: TACTICS, OPERATIONS, STRATEGY, & THE JOINT ENVIRONMENT

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1. Know the missions of the other services.

- a. Department of the Army
- b. Department of the Air Force
- c. U.S. Coast Guard

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2. Comprehend the three levels of warfare.

- a. Strategic
- b. Operational
- c. Tactical

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3. Know the following with respect to the Composite Warfare Commander Doctrine.

- a. Comprehend the dynamic nature of warfare at the tactical level.
- b. Know the roles and comprehend the relationships between the Officer in Tactical Command (OTC), the Composite Warfare Commander (CWC), Warfare and Functional Commanders, and Coordinators.
- c. Know the Primary Call Signs of the OTC (i.e., AA), the CWC, and the Warfare Commanders.

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4. Know the six steps of the Navy Planning Process (NPP).

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CHAPTER 4: SURFACE WARFARE

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1. Know the designation/name, purpose/significance, visual identification and U.S. Navy ship classes that carry the following weapons and systems:

- Aegis Weapon System and AN/SPY-1 Phased Array Radar
- AN/SQQ-89 Undersea Warfare/Anti-Submarine Warfare Combat System
- BGM-109 Tomahawk Land Attack Missile (TLAM)
- Littoral Combat Ship Mission Modules
- MK 15 Phalanx Close-in Weapon System (CIWS)
- MK 45 5" 54/62 Caliber Gun
- Mk 46 Torpedo
- Mk 54 Torpedo (Lightweight Hybrid Torpedo – LHT)
- RIM-116 Rolling Airframe Missile (RAM)
- RIM-162 Evolved Sea Sparrow Missile (ESSM)
- RGM-84 Harpoon
- SM-2 and SM-6 Standard Missiles
- SM-3 Standard Missile

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2. Know and comprehend the characteristics of two major combat systems, AEGIS and SSDS, and with which Surface Warfare ships they are associated. (Aegis and SSDS)

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3. Comprehend the general responsibilities of the following personnel on Navy surface ships.

- Commanding Officer
- Executive Officer
- Command Master Chief
- Department Head
- Division Officer

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4. Comprehend the general qualification for and organizational relationship between the following underway watches:

- Tactical Action Officer (TAO)
- Officer of the Deck (OOD)
- Engineering Officer of the Watch (EOOW)

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CHAPTER 5: UNDERSEA WARFARE

3/C MQS

1. Know the following submarine missions and identify which platform is assigned each as their primary mission:

- Intelligence, Surveillance, Reconnaissance (ISR)
- Naval Special Warfare (NSW)
- Strike
- Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASUW)
- Mine Warfare
- Counter-Drug Operations
- Strategic Deterrence

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2. Know the designation, name, purpose, and U.S. Navy submarine classes that carry the following weapons or systems:

- MK 48 Advanced Capability (ADCAP) Heavyweight Torpedo
- UGM-109 Tomahawk Land Attack Missile (TLAM)
- Trident II (D5) Submarine Launched Ballistic Missile (SLBM)
- Dry Dock Shelter (DDS)

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3. Explain the Junior Officer at-sea watches including:

- Engineering-Officer-of-the-Watch (EOOW)
- Junior-Officer-of-the-Watch (JOOW)
- Contact Manager / Junior-Officer-of-the-Deck (JOOD)
- Officer-of-the-Deck (OOD)

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4. Know the difference between deployment cycles on SSNs and SSGNs, and the patrol cycle on SSBNs.

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CHAPTER 6: NAVAL AIR WARFARE

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1. Know the designation, name, purpose, and U.S. Navy aviation platforms that carry the following weapons or systems:

- a. AIM-9X Sidewinder
- b. AIM-120 AMRAAM
- c. Joint Direct Attack Munition (JDAM)
- d. AGM-84 SLAM-ER
- e. AGM-88 HARM
- f. AGM-114 Hellfire
- g. AGM-154 Joint Stand-Off Weapon (JSOW)
- h. AGM-84 Harpoon
- i. MK-54 Torpedo

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2. Know squadron types and meanings and be able to identify the composition of a typical carrier air wing (CVW).

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3. Know the lifecycle of a Fleet Squadron.

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CHAPTER 7: THE UNITED STATES MARINE CORPS

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1. Understand the function and capabilities of the Marine Littoral Regiment (MLR).

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2. Know the purpose and features of and be able to identify the additional weapons and platforms of the U.S. Marine Corps.

- a. M777 Howitzer
- b. High Mobility Multipurpose Wheeled Vehicle (HMMWV)
- c. Joint Light Tactical Vehicle (JLTV)
- d. M142 High Mobility Artillery Rocket Systems (HIMARS)
- e. Amphibious Combat Vehicle (ACV)

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3. Know the primary function and effective range, and be able to identify the individual weapons of the U.S. Marine Corps.

- a. M4 Carbine
- b. M27 Infantry Automatic Rifle (IAR)
- c. M240B Medium Machine Gun
- d. M32A1 Multi Shot Grenade Launcher (MSG L)
- e. MK-153 Shoulder Launched Multipurpose Assault Weapon (SMAW)
- f. MK19 Mod 3 Automatic Grenade Launcher
- g. 50 Caliber Machine gun
- h. FGM-148 Javelin
- i. BGM71 TOW Missile
- j. 60mm Mortar

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4. Know and understand the role of the infantry and how non-combat arms MOS support the infantry.

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CHAPTER 8: NAVAL SPECIAL WARFARE & EXPLOSIVE ORDNANCE DISPOSAL

3/C MQS

1. Know the visual identification, mission, and capabilities of the Naval Special Warfare Craft:
 - a. Mark VIII SEAL Delivery Vehicle (SDV)
 - b. Mine-Resistant Ambush Protected Vehicle (MRAP)
 - c. Rotary Wing and Tilt Rotor Aircraft
 - d. Combatant Craft: Assault (CCA) / Medium (CCM) / Heavy (CCH)
 - e. Lightweight Tactical All-Terrain Vehicle (LT-ATV)

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2. Know the tools and equipment Navy EOD Technicians use as listed in the Pro-Book.

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3. Know the difference and relationship between EOD Technicians and Officers.

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CHAPTER 9: GLOBAL CHALLENGES - CHINA

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1. Describe the strength of the Chinese fleet and the geographical location of the PLAN's fleets.

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2. Understand the Chinese Military Modernization plan to include future milestones and end-state goals.

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3. Know the weapons capabilities of the Chinese military to include their nuclear weapons, and potential to produce chemical and biological weapons.

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CHAPTER 10: GLOBAL CHALLENGES - RUSSIA

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1. Understand U.S. and other Western Allies' involvement in the conflict in Ukraine.

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2. Know the geographic location of Russia relative to China, Ukraine, the South China Sea and Iran.

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CHAPTER 11: GLOBAL CHALLENGES – ROGUE STATES: NORTH KOREA & IRAN

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11. Global Challenges – Rogue States: North Korea & Iran

1. Understand Iran's interactions with national states in the region to include, Syria, Iran and Israel.

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2. Understand the threats to US military forces and allies from Iran's actions in the Strait of Hormuz, including the threat of mining, FAC/FIAC, and missiles.

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3. Describe Iran's military modernization plans for both IRGCN and IRIN.

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CHAPTER 12: GLOBAL CHALLENGES – CYBER, SPACE, & TRANSNATIONAL THREATS

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1. Demonstrate knowledge of different instances of Chinese and Russian cyber operations in recent years.

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2. Explain the different missions of space operations.

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3. Identify the geographic locations where ISIS and Al-Qa'ida are located.

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