



# **United States Naval Sea Cadet Corps**



# **SHIPBOARD ORIENTATION GUIDE**

**December 2000**

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## ADMINISTRATION

**GENERAL:** Cadets report by 1600 the day before training is acquaint themselves with the ship, get bunk and lockers, and stow their gear. Upon reporting they deliver their service records to the OOD for arrival endorsement and present a valid (current) NSCC ID Card. Records are marked "U.S. NAVAL SEA CADET CORPS" in red on the front and back covers, and contain from top to bottom:

- a. Training Authorization (NSCTNG 024 - original)
- b. Record Of Cadet Advancement (NSC-19A)
- c. Cadet Application, Agreement, and Releases (NSCADM 001)
- d. Record of Medical History (NSC-5A)
- e. Record of Medical Examination (NSC-5B)
- f. Administrative Remarks (NSC-19B)
- g. Other Pertinent Documentation

Documents "a" through "e" are on the right side of the record, "g" and "h" are located on the left side.

NSCC Escort Officer will maintain cadet records, if none are embarked, however, ship's administrative personnel may do so, entering pertinent data on the Administrative Remarks (NSC-19B) and other appropriate pages. Upon completion of training, the OOD endorses the Training Authorization (NSCTNG 024) for departure.

**MEDICAL:** Navy and Coast Guard medical personnel may treat minor illnesses and injuries, which may occur during training. Additionally, the NSCC Accident Protection Plan (Cigna Plan PM-14790D-97) covers costs for treatment in civilian facilities up to \$5,000.00 with a \$50.00 deductible. Should transfer to a civilian facility be necessary, please notify Naval Sea Cadet Headquarters (NHQ) as quickly as possible, describing the problem and providing the name, address, and telephone number of the facility.

**MEALS:** NSCC personnel not on active duty must pay for meals. In accordance with NAVSUPINST 4061.9Z, charges are equal to current non-surcharged rates. If convenient to the command, NSCC personnel may, at the command's discretion, pay mess bills upon reporting aboard or upon completion of training. Rebates due. If any, may be reimbursed upon completion of training.

**EXCHANGES:** NSCC Personnel may purchase uniform and health/comfort items, but not tax-free tobacco, alcoholic beverages, or luxury items (cameras, personal stereos, etc.) from Navy Exchanges and Ship's Stores during training, unless they are military dependents or active duty personnel, and then only with the proper identification.

**LIBERTY:** The command may limit Cadet liberty to the base unless recreation facilities are inadequate. Cadets authorized off-base liberty must go with an Escort Officer or a reliable crewmember (female Cadets must be accompanied by a female). Except for organized tours, group activities, and visits with relatives, Cadet liberty expires at Taps.

**DISCIPLINE:** Cadets other than military dependents are not governed by the Uniform Code of Military Justice (UCMJ) (but must observe ship's regulations). Should they present attitude or disciplinary problems, the command may terminate training and send them home at their own expense. However, they should not debark without firm travel arrangements made known to all concerned. In such cases, please notify NHQ and the NSCC Unit Commanding Officer (included in the Training Authorization (NSCTNG 024)) so they may take appropriate action.

NHQ Contacts: For assistance in situations not covered above, please contact NHQ at (703) 243-6910.

**NSCC SHIPBOARD ORIENTATION**

This orientation check-off list provides an overview of shipboard organization for Cadets and suggests opportunities for on-the-job training in several areas. It contains six modules, organized by departments, and provides for certain briefings prior to training. Because departmental organization varies according to ship types, Cadets cannot cover all areas in a single training cruise; therefore, this list serves for more than one cruise in all types of Navy/Coast Guard vessels. NSCC unit COs should encourage Cadets to train in different ship types for each successive cruise, i/e destroyer, cruiser, carrier, amphibious, etc. The orientation modules are:

- I. Deck / Weapons
- II. Navigation / Operations / Communications
- III. Engineering (Conventional)
- IV. Engineering (Gas Turbine)
- V. Air Department / Aviation Intermediate Maintenance Department (AIMD)
- VI. Supply / Administration / Medical

Departmental/division petty officers may sign and date the training objectives that the Cadets accomplish. To gain the maximum experience possible, Cadets should train in at least two departments during training. At NSCC unit level the CO retains the list in the Cadet's training record, recording completed objectives in the Administrative Remarks (NSC-19B).



**ORIENTATION BRIEFINGS**

1. **SHIPBOARD ORGANIZATION:**

DATE	SIGNATURE (DEPT/DIV PO)	RATE	SHIP

2. **MASTER-AT-ARMS (SHIP'S REGULATIONS):**


3. **SHIP TOUR:**


**MODULE I: DECK / WEAPONS**

1. Describe the duties of the following divisions and name their associated ratings:

	DATE	SIGNATURE	RATE
A. 1st			
B. 2nd			
C. 3rd			
D. 4th			
E. 5th			
F. F/FOX			
G. G/GM			
H. W			
I. MARDET			
J. Other			

2. Stand the following watches under supervision for at least one (1) hour each:

A. Helm			
B. Lee Helm			
C. After Steering			
D. Port/Starboard Lookout			
E. Lifebouy Lookout			
F. 1 JV Talker			

3. Work under supervision in one or more of the following areas:

A. Sea Detail:			
1). Line Handler			
2). Anchor Detail			
B. Boat Crew			
C. Replenishment At Sea			
D. Gun Maintenance Crew			

4. Describe the functions, characteristics. And range of the following weapons:

A. 16"/ 55 cal Rifle			
B. 5"/ 54 cal Rifle			
C. 5" / 38 cal Rifle			
D. 3" / 50 cal Rifle			
E. Phalanx (CIWS)			
F. RIM-2 Terrier SAM			
G. RIM-7 Sea Sparrow SAM			
H. RIM-66 Standard MR SAM			
G. RIM-67 Standard ER SAM			
H. RGM-84 Harpoon SAM			
I. RGM Tomahawk SSM			
J. ASROC (RUR Series)			
K. ASW Torpedoes			

5. Additional qualifications according to ship type (Amphibious, Mine Sweeper, Carrier, etc.):

A. _____			
B. _____			
C. _____			
D. _____			
E. _____			

**MODULE II: NAVIGATION / OPERATIONS / COMMUNICATIONS**

1. Describe the duties of the following divisions, and name their associated ratings:

	DATE	SIGNATURE	RATE
A. N			
B. OA			
C. OC			
D. OE			
E. OI			
F. OP			
G. OR (CR)			
H. OS (CS)			
I. OW			
J. OP			

2. Stand the following watches under supervision for at least one (1) hour each:

A. OMOW			
1) Explain the markings on a nautical chart			
2) Establish the ship's position by:			
a. Dead Reckoning			
b. Cross Bearing			
c. LORAN			
d. Omega			
e. Satellite			
f. Celestial Fix			
g. GPS			
B. Signal Bridge			
1) Send / receive messages by:			
a. Flag Hoist			
b. Flashing Light			
c. Semaphore			
C. Combat Information Center			
1) On a radar repeater, determine:			
a. Surface contact position and CPA			
b. Air contact position, course, Speed, and CPA			
c. Difference Between land and Weather echoes.			
2) Determine contact position, course, speed, and CPA on the following air and surface plots			
a. Vertical Plot			
b. Maneuvering Board			
c. DRT			
3) Establish ship's position By radar plot			

**MODULE II: NAVIGATION / OPERATIONS / COMMUNICATIONS (CONTINUED)**

	DATE	SIGNATURE	RATE
4) Determine true wind			
5) On a sonar repeater, determine position / movement of a subsurface contact			

3. Work under supervision in one or more of the following areas:

A. Air Operations			
B. Electronics Repair Shop			
C. Meteorology (Weather)			
D. Photo Lab			

4. Additional qualifications, according to ship type:

A. _____			
B. _____			
C. _____			
D. _____			
E. _____			
F. _____			
G. _____			
H. _____			
I. _____			
J. _____			

**MODULE III: ENGINEERING (CONVENTIONAL)**

1. Describe the duties of the following divisions and name their associated ratings:

	DATE	SIGNATURE	RATE
A. A			
B. B			
C. E			
D. M			
E. MR			
F. R			

2. Stand the following watches under supervision for at least one (1) hour:

A. Engine / Fire Room:

- 1) Burnerman
- 2) Checkman
- 3) Evaporators
- 4) Messenger
- 5) Throttleman
- 6) Main Control


B. Electrical:

- 1) Distro Switchboard
- 2) IC/Gyro


C. Damage Control:

- 1) DC Central
- 2) Fire / Security


3. Work under supervision in one or more of the following areas:

- A. DC Shop
- B. Carpenter Shop
- C. Electrical Shop
- D. Machine Shop
- E. Metal Shop
- F. Pipe Shop
- G. Oil Analysis Lab
- H. Water Analysis Lab


4. Other qualifications according to ship type:

- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_
- D. \_\_\_\_\_
- E. \_\_\_\_\_
- F. \_\_\_\_\_


**MODULE IV: ENGINEERING (GAS TURBINE)**

1. Describe the duties of the following divisions and their associated ratings:

	DATE	SIGNATURE	RATE
A. A			
B. E			
C. M			
D. R			

2. Stand the following watches under supervision for at least (1) hour each:

A. Engineroom:

1) Operator			
2) Monitor			

B. Auxiliary:

1) Operator			
2) Monitor			

C. Electrical:

1) Switchboard			
2) EPCC			

D. Damage Control:

1) DC Console			
2) Sounding / Security			

3. Work under supervision in one or more of the following areas:

A. DC Shop			
B. Electrical Shop			
C. Machine Shop			
D. Oil Analysis Lab			

4. Other qualifications according to ship type:

A. _____			
B. _____			
C. _____			
D. _____			
E. _____			
F. _____			

**MODULE V: AIR DEPARTMENT / AVIATION INTERMEDIATE MAINTENANCE DEPARTMENT (AIMD)**

1. Describe the duties of the following divisions and name their associated ratings:

	DATE	SIGNATURE	RATE
A. V-1			
B. V-2			
C. V-3			
D. V-4			
E. V-5			
F. V-6			

2. Stand the following watches under supervision for at least one (1) hour each:

A. Flight Deck Integrity			
B. Hanger Deck Integrity			
C. CONFLAG			

3. Within the Air Department work under supervision in one of the following areas:

A. Hanger Bay			
B. Elevators / Doors			
C. Catapults / Arresting Gear Machinery Room			
D. Crash Crew			
E. Fuels			
F. Ground Support Equipment			
G. Flight Deck Control			
H. Hanger Deck Control			
I. Pri-Fly			

4. Within the Aviation Intermediate Maintenance Department (AIMD) work under supervision in one or more of the following areas:

A. Airframes			
B. Aviator's Equipment			
C. Avionics			
D. Armaments			
E. Powerplants			
F. Administration			
G. Supply			

5. Describe the following types of aircraft and their associated missions:

A. Fixed Wing Aircraft:			
1) AV-8B Harrier			
2) C-2B Greyhound			
3) C-9B Skytrain			
4) C-130 Hercules			
5) E-2C Hawkeye			
6) EA-6B Prowler			
7) F-14D Tomcat			
8) F/A-18F Hornet			
9) P-3C Orion			
10) S-3B Viking			
B. Rotary Wing Aircraft:			
1) CH-46 Sea Knight			
2) CH-53 Sea Stallion			
3) SH-3 Sea Sprite			
4) SH-60 Seahawk			

**MODULE V: AIR DEPARTMENT / AVIATION INTERMEDIATE MAINTENANCE DEPARTMENT (AIMD) (CONTINUED)**

6. Describe the color code for flight / hanger deck jerseys and identify their associated duties:

	DATE	SIGNATURE	RATE
A. Blue			
B. Brown			
C. Green			
D. Red			
E. White			
F. Yellow			

7. Other qualifications according to ship type (CG, CV, CVN, DDG, LHA, LHD, LPD, LSD, etc.):

A. _____			
B. _____			
C. _____			
D. _____			
E. _____			
F. _____			
G. _____			
H. _____			
I. _____			
J. _____			

**MODULE VI: SUPPLY / ADMINISTRATION / MEDICAL**

1. Within the Supply Department describe the duties of the following divisions and their associated ratings:

	DATE	SIGNATURE	RATE
A. S-1			
B. S-2			
C. S-3			
D. S-4			
E. S-5			
F. S-6			
G. S-7			

2. Work under supervision in one of the Supply Department areas:

A. Aviation Stores			
B. Data Processing			
C. General Mess			
D. General Stores			
E. Ship Stores / Services			
F. Wardroom Mess			

3. Within the Administrative Department describe the duties and associated ratings of the following divisions and work under supervisions in one or more of those areas:

A. Administrative Office			
B. Career Counselor			
C. Chaplain's Office			
D. Educational Services Office			
E. Legal Office			
F. Master-At-Arms			
G. Public Affairs Office			
H. Personnel Office			
I. PMS/3M Coordinator			
J. Safety Office			

4. Within the Medical and Dental Departments describe the duties and associated ratings of the following divisions and work under supervision in one of those areas:

A. D			
B. H			

5. Additional qualifications according to ship type:

A. _____			
B. _____			
C. _____			
D. _____			
E. _____			