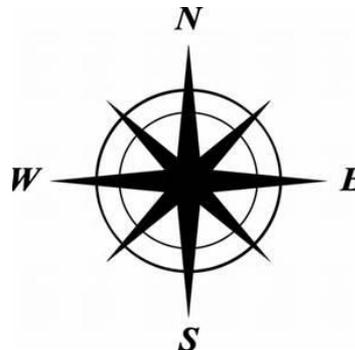
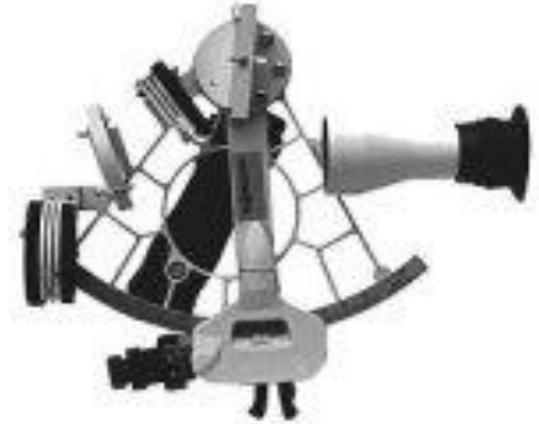
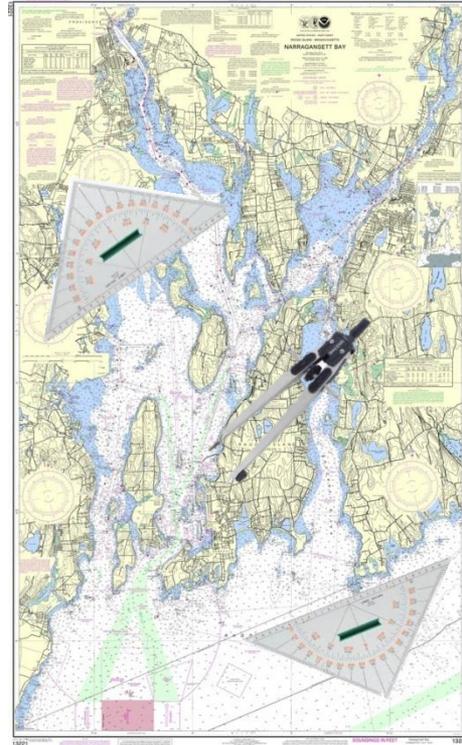




SURFACE NAVIGATOR/ ASSISTANT SURFACE NAVIGATOR COURSE



J-4N-0009A





BEFORE REPORTING TO SWOS



Reporting Requirements can be found on the SWOS website:

<http://www1.netc.navy.mil/swos/>

Establish contact with SWOS SURFNAV Team (contact info on last slide)

- Checking-in at CBQ/Chalet prior to your No Early Than (NET) report date will result in out-of-pocket expenses
- Check-in at SWOS QD in Uniform of the Day at 0710 on the day stated in your orders
 - Navy Working Uniform (NWU): 02Nov - 08Apr
 - Service Khakis: 09Apr - 01Nov



COURSE PREPARATIONS



- 1. Complete pre-work assignment (sent via email from course lead)**
- 2. Review Rules of the Road (see next slide)**
- 3. Practice plotting fixes on a paper chart**

Students should be able to plot GPS and VIS/RAD/COMP fixes on a paper chart prior to class commencement. Be able to convert from minutes/ seconds to minutes/ decimals.

- 4. Review Navigation line items from OOD and NAV Evaluator PQS**
- 5. Read NAVDORM**
- 6. Be familiar with standard helm commands**
- 7. Read Bowditch**

Sections 100-109, 200, 207, 209-211, 300-305, 316, 2401, 2404, 324-340, and 343-349

- 8. Review Celestial Navigation on Navy Knowledge Online (NKO)**
- 9. Complete NKO Information Assurance v10.0**

Print certificate and turn in upon reporting



RULES OF THE ROAD



The Rules of the Road are required knowledge for any mariner. How we operate at sea speaks volumes to our level of professionalism. In order to accomplish this, a thorough understanding of the Rules is required. Simply memorizing questions and their answers and/or memory aids (i.e. “red over white fishing at night”) will not suffice. The following two steps are the recommended method of study, proven effective by professional mariners.

(Recommend purchasing a personal copy of the Rules of the Road in order to take notes and highlight as you study.)



STEP 1



Re-read the Rules of the Road book (latest edition dated August 2014), available from <http://navcen.uscg.gov>, broken up by the sections listed below. Read each of the below sections, highlight your book (your Ship's Navigator can provide these for you), and do this in a quiet environment to ensure you digest each rule thoroughly.

-Rules 1-3: General

-Rules 4-10: Conduct of vessels in ANY condition of visibility

-Rules 11-18: Conduct of vessels IN SIGHT of one another

-Rule 19: Conduct of vessels in RESTRICTED VISIBILITY

-Rule 20-31: Lights and shapes

-Rule 32-37: Sound and light signals

Steering and Sailing Rules

Do NOT study the following (you will NOT be test on this material):

Western Rivers and Great Lakes Rules

Rule 12: Sailing Vessels

Rule 22: Visibility of Lights

Rule 38: Exemptions

All Annex questions



STEP 2



Get into the question bank (www.uscgqg.com) or ask your NAV for the computer file.

Do 50 questions at a time, no more. If you get one wrong... **STOP**, go to the book and understand WHY you misunderstood it. Complete the following questions:

50 in the morning
50 before lunch
50 after lunch
50 late afternoon
50 before dinner
50 after dinner
50 at night



COURSE TOPICS



- Marine Navigation Principles*
- Rules of the Road*
- Celestial Navigation*
- Navigation Administration*
- Chart Exercises*
- Shiphandling*
- COVE Transits (Piloting Procedures/ Restricted Water Transits)*
- Voyage Management System (VMS)*



COURSE ASSESSMENTS



Week 2

Rules of the Road Assessment (> 90%)

Practical Plotting Quiz (> 80%)

Week 3

Practical Plotting Assessment (> 80%)

Mid-term Assessment (> 75%)

Week 4

VMS Written Final Exam (> 80%)

VMS Practical Final Exam (P / F)

Week 5

COVE Practical (> 75%)

Celestial Days Work in Navigation (> 75%)

Homeport Project (> 75%)

Written Final Assessment (> 75%)



CONTACT INFORMATION



SWOS Quarterdeck.....	(401) 841-4957/4958
SWOS Fleet Training Instructor Bay.....	(401) 841-7258
NAVSTA Newport Quarterdeck	(401) 841-3456
Combined Bachelors Quarters.....	(401) 841-7900
Naval Health Clinic.....	(888) 628-9633
Dental.....	(401) 841-2541
Personnel Support Detachment.....	(401) 841-1267

For any questions or concerns prior to reporting, please contact the Surface Navigator Course Lead:

LT Kevin Mullins, USN
SWOS, N72 Surface Navigator Instructor
COMM: (401) 841-7258
E-MAIL: SWOS_NWPT_SURFNAV@navy.mil
or kevin.f.mullins@navy.mil



SAILING DIRECTIONS



*Success as a Navigator begins now!
Proper preparation is key to success.
Your ship will rely on YOU for her safe
navigation... Prepare yourself for one
of the greatest responsibilities the
Navy has to offer. Welcome aboard!*



Nathaniel Bowditch