

DETAILED DAILY SCHEDULE FOR BOATS FOR BIOLOGISTS AUGUST 17-25 2008

Schedule as of 6/12/2008; all practical exercises are weather dependent
(George Hallenbeck, Tom Davis, William E. Bemis, and Mark Boutilier, core instructors)

Sunday, 8/17

Day Plan Arrival of George Hallenbeck and Mark Boutilier
3:15 Hallenbeck and Boutilier arrive at dock in Portsmouth; depart for SML ~3:45; arrive Appledore ~4:30
5:00 Dinner
6:00 Faculty Meeting
7:00 Hallenbeck, Davis, Boutilier and Bemis meet at K-House to review details for the week

Monday, 8/18

Day Plan Prepare for teaching and arrival of students; begin US Power Squadron instruction
7:30 Breakfast
8:00-12:30 Prepare for teaching
a. Set up classrooms in Loughton
b. Review equipment in tower needed for demonstrations (anchors, lines, etc.)
c. Requisition VHS radios for use by class
d. Review condition of Whaler and zodiacs that will be used by students
12:30 Lunch
1:00-3:30 Finish work not completed in morning
3:30 Students arrive; fire and water, room assignments, etc.
4:30-6:00 First formal meeting with students (GH, WEB, MB)
a. Collect basic data needed for Boat Operators Certification (name, address, etc.)
b. General introduction to course (WEB & GH)
c. Walk around waterfront and other facilities (WEB)
i. observe current tide state, sea state and weather conditions
iv. review SML vessels
v. tour waterfront facilities (dock, pier, tidepool, fuel shack, and tower)
6:00 Dinner
7:00 Lecture: Chapters 1-3 (GH)
i. Terms
ii. Types of boats
iii. VHF radios

Tuesday, 8/19

Day Plan USPS Instruction continues; first practical exercises in boats
7:30 Breakfast
8:00-12:00 Lecture: Chapters 4-7 (GH)
i. Knots
ii. Charts
iii. Aids to Navigation
iv. Basic Piloting
12:00-12:30 Free time
12:30 Lunch
1:30-4:00 Practical Boats 1: Anatomy and Function of the Boston Whaler
i. Review hull, motor, steering system, electrical system and safety systems of the Miss Christine
ii. Structure and care of outboard motors
iii. Fueling

iv. Practical techniques for mooring vessels
 4:00-6:00 Study time
 6:00 Dinner
 7:00-8:00 Study time
 8:00-9:00 John Bockstoce – Explorations and Arctic Whaling

Wednesday, 8/20

Day Plan USPS Instruction continues; second practical exercises in boats
 7:30 Breakfast
 8:00-12:00 Lecture: Chapters 8-10 (GH)
 i. Boat Handling
 ii. Compass
 iii. Government Regulations
 12:00-12:30 Free time
 12:30 Lunch
 1:30-4:00 Practical Boats 2: Docking, Undocking and Anchoring
 i. Techniques for docking
 ii. Techniques for anchoring
 4:00-6:00 Study time
 6:00 Dinner
 7:00-8:00 Study time
 8:00-9:00 Paul Pelletier – Perspectives on the Western Gulf of Maine and the Importance of Local Knowledge

Thursday, 8/21

Day Plan USPS Instruction continues; second practical exercises in boats
 7:30 Breakfast
 8:00-12:00 Lecture: Chapters 11-13 (GH)
 i. 60D=ST
 ii. Navigation Rules
 iii. Piloting
 12:00-12:30 Free time
 12:30 Lunch
 1:30-4:00 Practical Boats 3: Safety Drills
 i. Man overboard drill (MOB drill)
 ii. Heaving line
 iii. Rendering assistance
 4:00-6:00 Study time
 6:00 Dinner
 7:00-9:00 George Hallenbeck – GPS Seminar

Friday, 8/22

Day Plan USPS Instruction continues; practical exercise on digital charting
 7:30 Breakfast
 8:00-12:00 Lecture: Chapters 14-16 (GH)
 i. Adverse Conditions
 ii. Trailering
 iii. Jet Ski
 12:00-12:30 Free time
 12:30 Lunch
 1:30-4:00 Practical Boats 4: Digital Charting

- i. Maptech
- ii. MacENC and downloads of NOAA electronic navigation charts
- 4:00-6:00 Study time
- 6:00 Dinner
- 7:00-9:00 History of Major Biological and Oceanographic Cruises (lecturer to be named)

Saturday, 8/23

- Day Plan Planning for a day's cruise; New Hampshire Regulations
- 7:30 Breakfast
- 8:00-12:00 Lecture Wrap up and review (GH)
 - i. Planning for a day's cruise
 - ii. New Hampshire boating regulations
- 12:00-12:30 Free time
- 12:30 Lunch
- 1:30-4:00 Recreational boating
- 4:00-6:00 Study time
- 6:00 Dinner
- 7:00-9:00 Movie: Master and Commander or Perfect Storm

Sunday, 8/24

- Day Plan Exam, Certification and Banquet
- 8:00-10:00 Dormitory clean up
- 10:00 Brunch
- 11:00-1:00 Exam
- 1:30-5:30 A day's cruise: Appledore – Boon Island – York Harbor – Appledore and an informal charting examination on R/V John B. Heiser
- 6:00 Final banquet
- 8:00-9:00 Certificate presentation
- 9:00-10:00 Packing

Monday, 8/25

- Day Plan Clean up and student departure
- 7:30 Breakfast
- 8:00-10:00 Students assist teaching staff to clean classroom and boats