

America's Boating Course 3rd Edition
Instructors Notes 2010 Printing
Additions and Corrections

Chapter 1

Section 1

Paragraph 45 – Remove italics at beginning of paragraph.

Paragraph 75 – change small v to capital V. Remove “vee”

Paragraph 78 – change “deep vee” to “deep V”.

Paragraph 78 – change “v-bottom” to “V-bottom”

Paragraph 79 – change “deep vee” to “deep V”

Paragraph 91 – delete the word “boat” after Powerboat.

Figure 1-13 – Change “Deep vee Boat” to “Deep V Boat”.

Figure 1-35 - Change “Cuddys” to “Cuddies”

Section 2

Change Floation to Flotation all instances in all sections and chapters.

Pg. 21, Paragraph 9 - reword the sentence “The PDFs must be in good condition, not torn, air tight, the right size for the wearer and ready to use”.

Pg. 22 – Change buoyancy table heading for “inflatables” to “Inflated Buoyancy”;

Pg. 26 – Paragraphs 103 & 104 should be a single paragraph. Paragraph 104 Left blank intentionally.

Pg. 28, Paragraph 126 – the statement about size I fire extinguishers not being rechargeable is not correct. Both are rechargeable.

Section 3

Paragraph 7 – Change “the engine has a backfire” to “the inboard gasoline engine has a backfire”

Pg 35, Paragraph 15 – direct student to watch the sky for threatening cloud formations.

Pg 35, Table 3-3 - After fueling check list after “Leave the wipers ashore” add “never on the boat or in the bilge.”

Pg 37 Paragraph 24 - 2nd line... 'Load passengers and equipment alternately to achieve proper trim'

Pg. 39, Paragraph 31 –Add “The biggest concern in just releasing the bow lines is the tendency for the boat to pinwheel around so the stern faces the wind or current.”

Review

Question 7 - reword choice 'b'. 'It has a torn strap

Question 15 - reword question – “Vessels operating in the United States in Coastal Waters or on the Great Lakes must be equipped with USCG approved:”

Question 20 – add “small” in front of boat.

Question 21 - reword question 'How do you get the most reliable weather forecast?'

a. Get an up-to-date NOAA weather advisory on the VHF weather channel'

Question 22 – change choice a. “Fire extinguisher, light, first aid kit, PDFs, etc.”

Reference should be Fig 3-7 and paragraph 22.

Question 24 - Move this question to the end of the Review Section for Chapter 2. The reference should be Paragraph 113 and Fig. 5-20

Chapter 2

Section 4

Pg. 52, Paragraph 38 - 20 m is **65.6** ft. not 67 ft.

Pg. 53, Paragraph 44 - define prolonged blast; add **“(4 to 6sec.)”**.

Pg. 54, Paragraph 65 – after danger zone add **“(112.4 degrees)”**

Pg. 55, Table 4-3 add - **Vessels at anchor 12 to 20 meters no longer need a bell but shall make some other efficient sound signal at intervals of not more than 2 minutes.**

Pg. 55, Table 4-3 add – Table 4-3 change “vessels under 12 m, to **“not more than 1 minute”**.”

Change Table 4-3 as follow

Vessels at Anchor in Restricted Visibility

Length of Vessel

Signal Required

All Vessels

A vessel at anchor shall at intervals of not more than one minute ring the bell rapidly for about 5 seconds. Since a bell is not required in a vessel under 12 meters, any efficient signal device may be sounded instead

Vessels greater than 100 meters (328.1 ft)

In a vessel of 100 meters or more in length the bell shall be sounded in the forepart of the vessel and immediately after the ringing of the bell the gong shall be sounded rapidly for about 5 seconds in the after part of the vessel

All Vessels

A vessel at anchor may in addition sound three blasts in succession, namely one short, one prolonged and one short blast, to give warning of her position and of the possibility of collision to an approaching vessel.

Vessels less than 12 meters (39.4 ft)

A vessel of less than 12 meters in length shall not be obliged to give the above-mentioned signals but, if she does not, shall make some other efficient sound signal at intervals of not more than 2 minutes.

Vessel aground in restricted visibility

A vessel aground shall every minute sound three separate and distinct strokes on the bell followed by rapid ringing of bell for 5

seconds and followed by three separate and distinct strokes of the bell.

Section 5

Pg. 56 – Revised Fig. 5-1 to correct **Red buoy #2**.

Pg. 61 Paragraph 51 – Change lit to **lighted**

Section 6

Pg. 74, Paragraph 66 – reword to: **“No anchor light is required in specially designated anchorage areas for boats less than 65.6ft.”**

Pg. 76 Paragraph 87 – Change “(several seconds)” to **“(a prolonged blast)”**.

Pg. 76 Paragraph 94 – Change “long” to **“prolonged”**.

Pg. 76 Paragraph 95 – Change “feet” to **“meters”**.

Pg. 77, Paragraph 97 - new – **“A vessel aground of 100m or less shall sound the signals of a vessel at Anchor plus shall, in addition, give three separate and distinct strokes on the bell immediately before and after the rapid ringing of the bell. A vessel aground may in addition sound an appropriate whistle signal.**

Paragraph 97 (existing) becomes paragraph 98

Table 6-5 – Vessels under 39.4 feet – Change “every two minutes” to **“at intervals of not more than 2 minutes”**

Section 7

Page 83, Paragraph 11 - should read: **“Alcohol and drugs affect your judgment, slows your reaction time, and keeps you from thinking clearly.”**

Chapter 2 Review

Question 9 – Remove Italics from “lee side”

Question 11 - Foil **“ c. the boat and trailer should be cleaned of visible mud, plants, fish and animals before leaving the ramp area.**

Question 15 – Remove “a”

Question 16 - the reference to this question should be **5:36-38**.

Question 19 - the question should start as follows: **‘You are in a 28 foot powerboat entering’**

Question 20 - references to this questions should be **5:19-20**

Question 21 – Change “lit” to **“lighted”**

Question 23...add to reference to this question **'Table 6-4'**.

Question 30...selection 'c' should read **“Reaction times are increased”**

Question 31 – Question 24 from Chapter 1 The reference should be Paragraph 113 and Fig. 5-20

Chapter 3

Section 9

Pg. 95, Paragraph 5 – add after “fathom” **“(6 feet equals 1 fathom).**

Pg. 95, Paragraph 12 - ‘Piloting is directing your vessel safely **and efficiently** across the water to a planned destination.’

Pg. 110, Paragraph 83 – Change “Boat engines produce 188 times” to **“One expert estimated that a marine engine could produce 188 times...”**

Section 11

Pg. 107, Table 11-2 – “Reach, Throw, Row and Go” is explained.

Table 11-4 – Spelling of Symptoms

Pg. 111, Paragraph 120 - `Consider installing one of these detectors in the sleeping and common areas of the boat.'

Pg. 116, Paragraph 186 – Change “headway” to “just maintain headway”

Pg.119, Paragraph 230 - Add to first sentence 'Before setting out, check the weather forecast, preferably on the VHF NOAA weather channel and use your personal observations'

Pg. 120, Paragraph 235 – add “The wind in thunderstorms can be extreme and unpredictable. If you are in a sailboat change to smaller sails “or drop sails completely”

Pg.121, Paragraph 258 – Delete “called broaching”.

Section 12

Pg. 123 paragraph 11 - should read VHF is the best radiotelephone system for recreational boaters `operating in coastal areas, on the Great Lakes and on the major rivers systems of the USA'

Chapter 3 Review

Question 1 - Foil 'c' should read `handle your boat in rough waters'

Foil 'd' should read 'd. select a safe and efficient route from one place to another'

Question 6 – Change to `To anchor properly'

Question 13 - reference should be: 11:79-80

Question 20...Foil 'b' should read 'b. Get an accurate marine weather forecast,

Question 22...references to this question should be 11:247-248 and Fig 11-13.

Question 25 - Should read: `The best radiotelephone system for recreational boats operating in coastal areas, on the Great Lakes and on the major river systems is:'

Question 31 - reword the following foils;

- a. may experience a gasp reflex and possible drowning.
- c. may experience an elevation of body temperature.

Question 33 - Change reference to: 11:120-124 and 11:86-87

change the following selections:

- c. rely on the CO alarms to always work properly
- d. rely on odor detection as a primary deterrent

Chapter 4

Section 13

Pg. 145 – Paragraph 80 – add “(See section 6 Paragraphs 55 to 62)”.

Section 14

Pg. 150, Paragraph 30 - Use adequate strength steel cable or nylon straps for boats over 14 feet in length.

Section 15

Pg. 164, Paragraph 127 – remove apostrophe after PWC

Section 16

Text

Pg. 166 – paragraph 18 – Change “40%” to “20%”

Pg.167 – paragraph 22 Delete “anchor line,”

Pg. 168 – Fig. 16-3 shows cleat hitch tied correctly.

Chapter 4 - Review Questions

Question 15 - Rewritten

15) Trailer winches for boats over 14 feet should use:

- a. polypropylene line.
- b. nylon line.
- c. manila line.
- d. steel cable or nylon strap.

Question 20 – foils d and b should not be in italics.

Question 29 – change “PFD’s” to “PFDs”

Question 29 – foil c - delete “to minimizing bodily injury.”