Tourism 12- Miss Ashley- Module 2-Boating Basics: Terminology and Equipment

p.16-The Basics

1. Who is an Operator?

2. What is a pleasure craft?

3. What is a power driven craft?

4. Why is it important to know the difference between power driven craft and sail powered craft?

p.17-The Basics cont.

5. What is a Sailing Vessel?

6. When does a Sailing vessel become a power driven craft?

7. What is a personal watercraft?

8. What is unique about personal water crafts?

9. What is the hull?

10. Describe each of the following three types of hulls:

1.

2.

3

p.18-Definitions

11. Why is knowing the configuration of the hull important for an operator?

12. What are the four types of hull bottoms and how do they handle differently?

1.

2.

3.

4.

13. Define each of the following terms:

Bow-

 Stern-

Transom

Draft -

Freeboard-

p.19-definitions cont.

14. Define the following terms:

Length-

Beam-

Outboard engine-

Inboard/outboard engine-

Inboard engine

p. 20 Definitions cont.

15. Define the fellowing terms:

Astern-

Abaft-

Port-

Starboard-

P. 21-Definitions cont.

16. Define the following terms and/or indicate their use/importance.

Handlebars and Throttle-

Safety lanyard and on/off switch-

Seat-.

Jet Intake-

Jet thrust nozzle=

p. 22- Personal safety equipment

17. What regulation requires that certain safety equipment be carried onboard at all times?

18. What else do these regulations require?

19. What are the 4 types of equipment required for operation on Canadian waterways?

1) 2) 3) 4)

20. What personal safety equipment is required on board at all times?

1. 2. 3.

21. What is an approved flotation device and why is it recommended?

22. What are the 3 main types of flotation devices approved for use in Canada?

1) 2) 3)

23. How can you tell if a flotation device is approved?

p. 23-Personal safety equipment cont.

24. What are the different types of lifejacket?

Standard Lifejackets –

Small Vessel Lifejackets -

25. What colour should lifejackets be and how should they fit?

26. How is a personal flotation device different from a lifejacket?

27. Who are inflatable pfd’s approved for?

28. In order to meet small vessel regulations what must you do with inflatable pfd’s?

29. Are inflatable PFD’s approved for use on PWC’s?

p. 24.-Personal safety equipment cont.

30. What 5 things should a child’s pfd or lifejacket have?

1. 2.

3. 4.

5.-

p. 25-Personal safety equipment cont.

31. How should you test pfd’s and lifejackets?

1) 2) 3) 4)

32. What 5 things should you do to care for and maintain your pfd’s and lifejackets?

1. 2.

3. 4.

5.-

33. How do you clean pfd’s and lifejackets? (4 steps)

1) 2) 3) 4)

p. 26Personal safety equipment cont-

34. How do you put on a flotation device in the water? (6 steps)

1) 2)

3) 4)

5) 6)

35. What is a buoyant haaving line and what is it used for?

36. What are 3 things you should know about buoyant heaving lines?

1.

2.

3.

37. What should an emergency kit include?

p. 27- Boat Safety equipment

38. What does boat safety equipment include:

39. What is a bailing device and what are the requirements regarding bailing devices?

40. What is a manual bilge pump?

41. What is an electric bilge pump?

p. 28-Boat safety equipment cont.

42. When are you required to carry an anchor and why?

43. What are the requirements for anchors according to small vessel regulations?

46. What is a manual propelling device and what are the rules regarding them for pleasure crafts?

47. What vessels must carry an axe?

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p. 29-Boat safety equipment cont.

48. What types of things should operators carry in a repair kit?

49. What is a life ring? What are the requirements?

Definition-

Requirements-

50. What is reboarding equipment? What vessels must have reboarding equipment according to the small vessels regulations?

Definition-

Small vessel regulations-

51. What are suitable re-boarding devices?

p. 30-Distress equipment

52. What is the requirement for carrying a fire extinguisher on board based on?

53. What are the 3 ratings of fire extinguishers?

- Class A:

- Class B:

- Class C:

56. What type of class of fire extinguishers are required on pleasure craft in Canada?

57. What are flares and pyrotechnic devices used for?

58. Are you required to carry flares?

59. What are the requirements for carrying flares?

60. How should flares be stored and located?

p.31-Distress equipment cont.

61. How long are flares and pyrotechnic distress signals valid for?

62. Can flares be tested or discharged?

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63. What are the 4 types of approved flares for signal distress?

1) Type A:

2) Type B:

3) Type C:

4) Type D:

64. What type of flashlight are most vessels required to carry on board at all times?

65. What is a flashing SOS signal using a flashlight?

p. 31 Navigation equipment

66. What are the three important functions of sound signaling devices?

1. 2. 3-

67. What do small vessel regulations require for all vessels related to sound signaling devices?

68. What are some examples of sound signaling devices?

69. What are pleasure craft vehicales less than 12 m in length required to carry for sound signaling devices?

70. If a vessel is over 12 meters how many sound signaling devices do they have to carry?

71. What is good practice to attach to your pfd or lifejacket?

72. What are navigation lights and why are they essential?

73. When must navigation lights be used?

74. If you are unable to display navigation lights and are operating during nighttime or periods of low visibility, what must you use instead?

p. 33 Navigation equipment cont.

75. What is a passive radar reflector?

76. Where should a passive radar reflector be mounted?

77. When is a passive radar reflector not required? (6 things)

1.

2.

3.

4.

5.

6-

p. 34- required safety equipment

78. Fill in the following chart requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Sailboards | Paddleboats & Watercycles | Canoes, Kayaks, Rowboatsand Rowing Shells(not over 6 m in length) | Unpowered Pleasure Craft(not over 6 m in length) | Personal Watercraft (PWC) |
| Personal SafetyEquipment |  |  |  |  |  |
| Boat SafetyEquipment |  |  |  |  |  |
| NavigationEquipment |  |  |  |  |  |
| Distress Equipment |  |  |  |  |  |
|  | Powered Craft(not over 6 m in length) | Powered Craft(Over 6 m and up to 8 m in length) | Powered Craft(Over 8 m and up to 12 m in length) | Powered Craft(Over 12 m and up to 20 m in length) | Powered Craft(Over 20 m in length) |
| Personal SafetyEquipment |  |  |  |  |  |
| Boat SafetyEquipment |  |  |  |  |  |
| NavigationEquipment |  |  |  |  |  |
| Distress Equipment |  |  |  |  |  |