

FISHSAC Stability Objectives Draft 4- Sept/16

Items in (xxx) denote placement of objective in the teaching syllabus or a suggested change in the objective. Suggested changes to # of objectives or wording in (parenthesis)

1. Define at least 15 terms regarding vessel stability (III)
2. List 6 (11) factors affecting a vessel's stability (IV A-K)
3. Identify at least three risk factors for fisheries of the participants taking training (VII)
4. Identify how to determine lightship (III)
5. Determine at least one simplified stability calculation given sample data (VI 1)
6. Define damage stability (III-J), progressive flooding, and unintentional flooding (IV-H)
7. Identify the difference between initial stability and feel versus overall stability (III I ab)
8. Identify at least two principles of watertight integrity (IV H 1,2)
9. Identify the main hazard of improper watertight integrity (III K)
10. State (Recognize) at least two (proper) marine practices related to watertight integrity (III H 1,2)
11. State the difference between weathertight and watertight closures (V D) and the significance of hatches with reduced coaming height (IV H 3)
12. Use interactive models and hands on activities to demonstrate at least 3 ways to increase stability (III & IV)
13. Identify at least two techniques for presentation of a vessel's stability (III & IV & VII 2)
14. Recognize at least two techniques for monitoring a vessel's stability condition (VII 2)
15. Recognize the function of capacity tables (VII 2)
16. Recognize at least three contents of stability instructions (VII 2)
17. List at least four regulations regarding stability, watertight integrity, and load lines applicable to fishing industry vessels (II)
18. Discuss at least three case studies of vessel casualties where loss of stability was the primary cause. (IV M)
19. Demonstrate eight techniques for controlling flooding. . (MOVE TO DRILLS/SURVIVAL)
20. Identify at least six different tools or techniques for the control of flooding. . (MOVE TO DRILLS/SURVIVAL)
21. Demonstrate methods for demonstrating at least six stability principles using hands-on interactive model(s) (III)
22. Identify methods of maintaining and facilitating means of removing water from the vessel including scuppers, freeing ports, sumps, high water alarms, etc. (V A)
23. Calculate flooding rate from tables. (MOVE TO DRILLS/SURVIVAL)
24. Identify at least 6 inspection points in watertight doors and hatches. (V B)

25. List at least 3 standing orders to minimize damage due to unintentional flooding.
(V C)
26. State (Recognize) at least two hazards in flooding control (secure power, dress properly, not venting gas pumps) . (MOVE TO DRILLS/SURVIVAL)
27. Demonstrate (Identify) 6 ways to increase stability using interactive stability models (IV A, B, C, D, E H)
28. State (Recognize) at least 2 ways the helmsman can increase stability.(IV J)
29. Identify at least 12 useful items in a damage control kit. (MOVE TO DRILLS/SURVIVAL- same as # 20)