

## Table of Specifications (TOS)

Topic (Knowledge Dimension)	Time Allotment (hrs.)	% of Teaching Time	Thinking Skills (Learning Process Dimension)						No. of Items
			Remember	Understand	Apply	Analyze	Evaluate	Create	
Course Introduction	0.5		-		-	-	-	-	-
1. The fundamental principles of ship construction, theories, factors, and measures necessary to preserve trim and stability	3.0	0.91	-	5	-	-	-	-	5
2. The effect on trim and stability of a ship	3.0	5.45	-	2	3				5
3. IMO recommendations concerning ship stability	1.0	5.45	-	2	-	-	-	-	2
4. International agreements and conventions									
4.1 Certificates and other documents required to be carried onboard ships	2.0	1.81	-	2	-	2	-	-	4
4.2 International Conventions and instruments	2.0	3.64	-	2	-	2	-	-	4
4.3 Methods and aids to prevent pollution	2.0	3.64	-	2	-	-	2		4
4.4 National legislation for implementing international agreements and conventions	2.0	3.64	-	4	-	-	-	-	4
5. Preparation of contingency plans for response to emergencies	3.0	3.64	-	2	-	3	-	-	5
6. Ship construction, including damage control	2.5	4.55	-	2	-	3	-	-	5
7. Methods and aids for fire prevention, detection and extinction	2.0	3.64	-	1	-	-	2	-	3
8. Functions and use of life-saving appliances	2.0	3.64	-	1	-	-	2	-	3
9. Life-saving appliance regulations (International Convention for the Safety of Life at Sea)	1.0	5.45	-	2	-	-	-	-	2
10. Organization of fire drills and abandon ship drills	3.5	6.36	-	4	-	-	-	2	6

Topic (Knowledge Dimension)	Time Allotment (hrs.)	% of Teaching Time	Thinking Skills (Learning Process Dimension)						No. of Items
			Remember	Understand	Apply	Analyze	Evaluate	Create	
11. Maintenance of operational conditions of life-saving, fire-fighting and other safety systems	2.0	3.64	-	4	-	-	-	-	4
12. Action to be taken to protect and safeguard of all persons on board	4.0	7.27	-	5		2	-	-	7
13. Action to limit damage and save the ship	2.0	3.64	-	2		2	-	-	4
14. Shipboard personnel management and training	3.5	6.36	-	4		-	-	2	6
15. International maritime conventions and recommendations, and national legislation	1.0	5.45	-	2		-	-	-	2
16. Task and workload management	2.5	4.55	-	1	2	2	-	-	5
17. Effective resource management	2.5	4.55	-	3	2	-	-	-	5
18. Decision-making techniques	3.5	6.36	-	3	3	-	-	-	6
19. Development, implementation, and oversight of standard operating procedures	2.5	4.55	-	3	-	-	-	2	5
20. International Medical Guide for Ships involving Dangerous Goods	2.0	3.64	-	4	-	-	-	-	4
<b>TOTAL</b>	55.0	100	-	62	10	16	6	6	100

**Notes:**

1. The MTI may add the required number of test items for Multiple Choice type of Questions
2. For Essay type of the test, the MTIO should provide rubrics.