

1. Control fire-fighting operations aboard ship

Reference & Training Aid

1.1 Introduction, safety and principles	Text : Chapt. 2 (pp 51-58)	PPT:2/8-2/19 & 2/30 & 2/39
1.2 Areas of fire hazards	Text : Chapt. 20 (pp 961-965)	PPT: 16/13-16/36
1.3 Fire precautions	Text : Chapt. 20 (pp 961-975)	PPT: 16/37-16/67
1.4 Dry distillation		
1.5 Chemical reactions	Text : Chapt. 3 (pp 87-110)	PPT: 3/6-3/47
1.6 Boiler uptake fires and exhaust fires in prime movers and auxiliary exhausts		
1.7 Fires in water-tube boilers		
1.8 Tactics and procedure of fire control while ship is at sea		
1.9 Tactics and procedure of fire control while ship is in port	AMFF Video: Chapt. 2	
1.10 Tactics and procedure of fire control while ship is carrying dangerous goods	AMFF Video: Chapt. 2	
1.11 Tactics and procedure of fire control for oil, chemical and gas tankers	AMFF Video: Chapt. 2	
1.12 Use of water for fire extinguishing, the effect on stability, precautions and corrective procedures	Text : Chapt. 14 (pp 718-749) BMFF Video: Chapt. 5	PPT: 14/6-14/45
1.13 Communication and co-ordination during fire-fighting operations	Text : Chapt. 19 (pp 943-949) AMFF Video: Chapt. 4	PPT: 19/4-19/30
1.14 Ventilation control including smoke extractor	Text : Chapt. 11 (pp 543-578) BMFF Video: Chapt. 5	PPT: 11/10-11/106
1.15 Control of fuel and electrical systems	AMFF Video:	

	Chapt. 5	
1.16 Fire precautions and hazards associated with the storage and handling of materials (paint, etc.)		
1.17 Management and control of injured persons	Text : Chapt. 8 (pp 306-330)	PPT: 8/9-8-64
1.18 Procedures for co-ordination with shore-based fire fighters	AMFF Video: Chapt. 1	

2. Organize and train fire parties

2.1 Preparation of contingency plans	AMFF Video: Chapt. 1	
2.2 Composition and allocation of personnel to fire parties	AMFF Video: Chapt. 1	
2.3 Training of seafarers in fire fighting	Text : Chapt. 2 (pp 67-69)	PPT: 2/75-2/84
2.4 Fire control plans	AMFF Video: Chapt. 1	
2.5 Organization of fire and abandon ship drills		
2.6 Strategies and tactics for control of fires in various parts of the ship	AMFF Video: Chapt. 2, 4, 5	BMFF Video: Chapt. 5

3. Inspect and service fire detection and extinguishing systems and equipment

3.1 Fire alarms	Text : Chapt. 16 (pp 826-842)	PPT: 16/5-16/43
3.2 Fire detection equipment	Text : Chapt. 16 (pp 826-842)	PPT: 16/5-16/43

3.3 Fixed fire extinguishing equipment		PPT: 16/44-16/54
3.4 Fire main, hydrants, hoses and nozzles and pumps	BMFF Video: Chapt. 3	PPT: 16/55-16/59
3.5 Portable and mobile fire extinguishing equipment including appliances	AMFF Video: Chapt. 2, 5 BMFF Video: Chapt. 2	
3.6 Firefighter's outfits and other personal protective equipment	Text : Chapt. 5 (pp 167-212)	PPT: 5/13-5/106
3.7 Rescue and life support equipment	Text : Chapt. 8 (pp 330-346)	PPT: 8/71-8/78
3.8 Salvage equipment	Text : Chapt. 17 (pp 869-884)	PPT: 17/15-17/54
3.9 Communication equipment	Text : Chapt. 19 (pp 943-949)	PPT: 19/4-19/30
3.10 Requirements for statutory and classification surveys		

4. Fire investigation and reporting

4.1 Fire investigation and reporting	Text : Chapt. 18 (pp 961-97909-918)	PPT: 18/5-18/39
4.2 Trainee's experience of fires on ships		
4.3 Documented reports of fires on ships and lessons learned	RCCL Video	