

2.2 SAR Unit Fire Fighting

Initial actions on discovering a fire

- Recognise fire types
 - Elements comprising the fire triangle
 - Fuel
 - Oxygen
 - Heat
 - Classes of fire
 - A – Carboniferous: wood, paper, material
 - B – Fuel (Liquid): Petrol, diesel
 - C - Gases
 - D – Metals
 - F – Cooking Oils and Fats – on casualty vessel
 - - Electrical: Radar, Nav equipment, radio



Raise or recognise fire alarms

- Recognise the sound
- Raise the alarm
- Actions required by LOP / SOP

Portable fire fighting appliances

- Types and location of extinguishers
- Type of fire best suited to each extinguisher
 - Water
 - Type A
 - Foam
 - Type A
 - Type B
 - CO2
 - Type B
 - Electrical
 - Powder
 - Type A
 - Type B
 - Type C
 - Electrical

Decision to fire fight

- Considerations
 - Personal Safety
 - Safety of Others
 - Effectiveness
 - Safer to evacuate?
- Hazards of enclosed spaces
 - Smoke inhalation
 - Fumes
 - Danger from explosions

Immediate actions to be taken

- Raise the alarm
 - Verbally
 - Alarms
 - Radio
 - Telephone
 - Fire / Rescue
- Evacuation Routes
 - Take sign in sheet
- Muster Point
 - The Parade