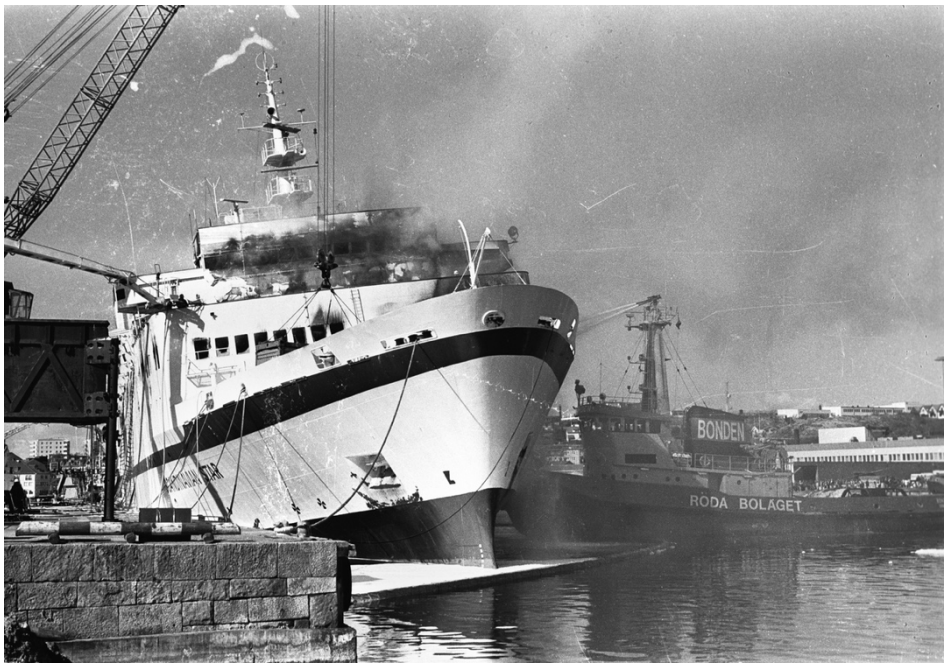
Sezione online del Capitolo D.4

DIFESA CONTRO GLI INCENDI



La ro-pax Scandinavian Star dopo il devastante incendio che costò la vita a circa 160 persone nel 1990.

Indice:

1. TEST A SCELTA MULTIPLA 2

2. PRINCIPALE SIMBOLOGIA IMO DELLA RISOLUZIONE A952(23) 4

3. SOLUZIONE DEI TEST A SCELTA MULTIPLA 10

1. TEST A SCELTA MULTIPLA (*multiple choice test*)

1. Per quanto riguarda le classi di incendi:

a. Ad oggi esiste la classe E;
 VERO FALSO

b. Negli incendi di classe A i combustibili sono liquidi;
 VERO FALSO

c. Negli incendi di classe C i combustibili sono allo stato gassoso;
 VERO FALSO

d. L'incendio di una lega di magnesio è di classe D.
 VERO FALSO

2. In tema di agenti estinguenti possiamo affermare che:

a. La schiuma agisce anche per sottrazione di calore;
 VERO FALSO

b. Un sistema Hi-fog utilizza più azioni estinguenti;

 VERO FALSO

c. La polvere agisce per sottrazione di calore;
 VERO FALSO

d. Per estinguere un incendio di classe D è consigliata la schiuma.
 VERO FALSO

3. In base alla normativa IMO sulla difesa contro gli incendi:

a. Si ha come riferimento il capitolo V della SOLAS;
 VERO FALSO

b. Una divisione di classe A ha superato la prova standard del fuoco per 60 minuti;
 VERO FALSO

c. Una divisione di classe C non è ignifuga;
 VERO FALSO

d. Le divisioni che delimitano una *main vertical zone* devono essere di classe A60.
 VERO FALSO

4. La pressione di esercizio di un sistema ad acqua nebulizzata (Hi-fog) è di circa:

a) 330 bar;
b) 140 bar;
c) 20 bar;
d) 10 bar.

5. Disporre in ordine cronologico le azioni da intraprendere quando un membro dell'equipaggio avvista un incendio.

a. *Prima azione*: _____;

Opzioni: Se possibile provare ad estinguere l'incendio con estintori idonei; Se necessario chiudere le porte tagliafuoco dopo essersi accertati dell'assenza di altre persone nel locale; Se possibile comunicare il proprio nome e la posizione dell'incendio; Avvisare il ponte di comando o una stazione di controllo e/o premere il *manual call point*;

b. *Seconda azione*: _____;

Opzioni: Se possibile provare ad estinguere l'incendio con estintori idonei; Se necessario chiudere le porte tagliafuoco dopo essersi accertati dell'assenza di altre persone nel locale; Se possibile comunicare il proprio nome e la posizione dell'incendio; Avvisare il ponte di comando o una stazione di controllo e/o premere il *manual call point*;

c. *Terza azione*: _____;

Opzioni: Se possibile provare ad estinguere l'incendio con estintori idonei; Se necessario chiudere le porte tagliafuoco dopo essersi accertati dell'assenza di altre persone nel locale; Se possibile comunicare il proprio nome e la posizione dell'incendio; Avvisare il ponte di comando o una stazione di controllo e/o premere il *manual call point*;

d. *Quarta azione*: _____;

Opzioni: Se possibile provare ad estinguere l'incendio con estintori idonei; Se necessario chiudere le porte tagliafuoco dopo essersi accertati dell'assenza di altre persone nel locale; Se possibile comunicare il proprio nome e la posizione dell'incendio; Avvisare il ponte di comando o una stazione di controllo e/o premere il *manual call point*;

6. What does UFL stands for?

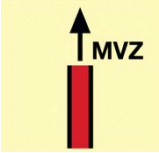
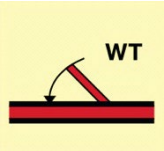
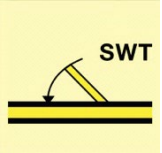
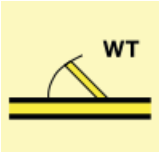
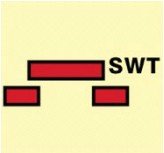
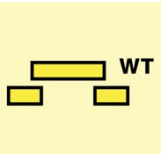
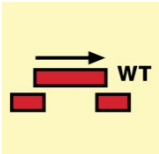
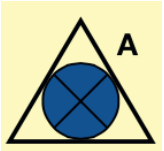
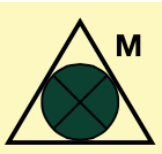
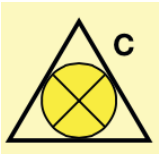
a) Upper Flammability Limit;
b) Undesirable Fire Limit;
c) Unassessed Fire Locker;
d) Ultra-Fine Limitation.

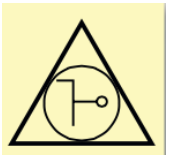
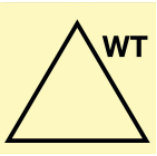
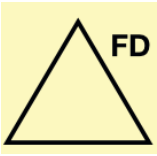
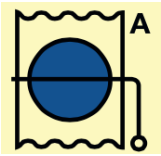
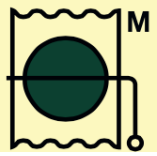
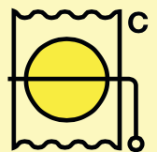
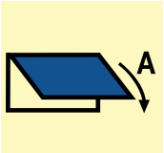
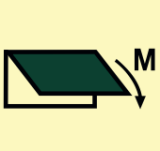
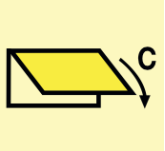
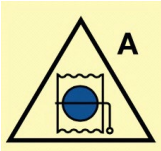
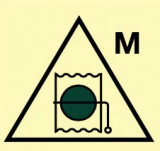
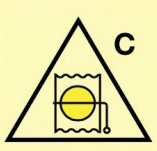
7. Which one of the following sentences is wrong?

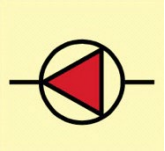
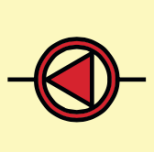
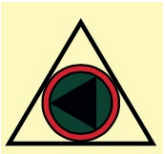
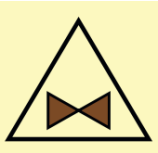
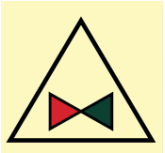
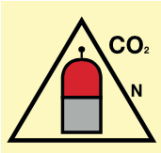
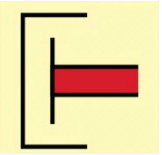
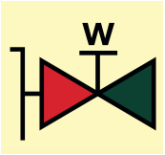
a) The ship's firefighting protection requirements are reported in SOLAS chapter II-2;
b) A class B division is made with fire-resistant material;
c) A division A30 should be used as a limitation for a MVZ on a passenger ship;
d) On board there is a fire control plan.

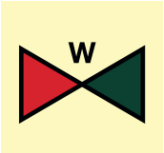
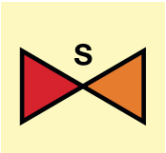
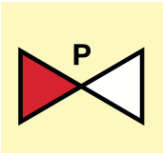
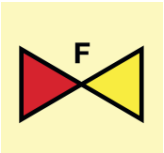
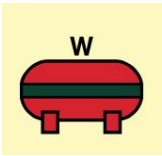
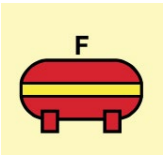
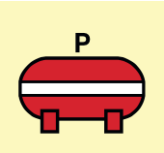
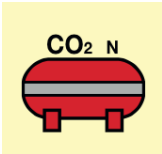
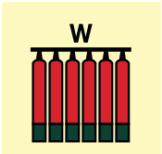
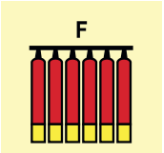
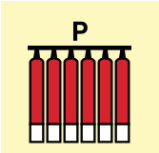
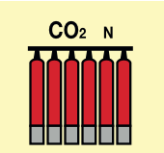
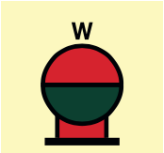
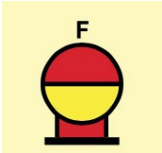
2. PRINCIPALE SIMBOLOGIA IMO DELLA RISOLUZIONE A952(23)

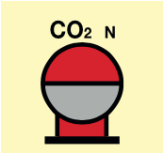
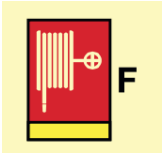
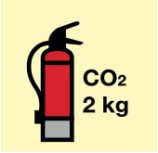
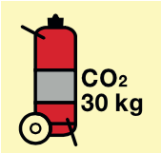
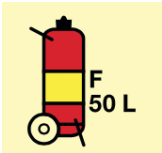
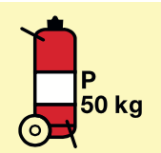
(fonte: catalogo Canepa e Campi)

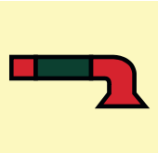
		
A-class subdivision	*B-class subdivision*	*Main vertical zone*
		
A-class hinged fire door (watertight and self-closing)	*B-class hinged fire door* (semi-watertight and self-closing)	*B-class hinged fire door* (watertight)
		
A-class sliding fire door (semi-watertight)	*B-class sliding fire door* (watertight)	*A-class sliding fire door* (self closing and watertight)
		
Ventilation remote control or shut-off (accommodation)	*Ventilation remote control or shut-off (machinery)*	*Ventilation remote control or shut-off (cargo spaces)*

		
Remote control for skylight	*Remote control for watertight doors*	*Remote control for fire doors*
		
Fire dumper (accommodation)	*Fire dumper (machinery)*	*Fire dumper (cargo spaces)*
		
Closing device for ventilation (accommodation)	*Closing device for ventilation (machinery)*	*Closing device for ventilation (cargo spaces)*
		
Remote control for dumper (accommodation)	*Remote control for dumper (machinery)*	*Remote control for dumper (cargo spaces)*
Remote control for closing devices (accommodation)	*Remote control for closing devices (machinery)*	*Remote control for closing devices (cargo spaces)*

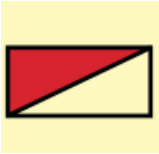
		
Fire plan	*Remote control for fire pump(s)*	*Fire pump(s)*
		
Remote control for emergency fire pump	*Emergency fire pump*	*Fuel pump(s) remote shut-off*
		
Lube oil pump(s) remote shut-off	*Remote control for bilge pump(s)*	*Remote control for emergency bilge pump(s)*
		
Remote control for fuel oil valves	*Remote control for lube oil valves*	*Remote control for fire pump valve(s)*
		
Remote release station CO_2	International shore connection	*Fire hydrant*

		
Fire main section valve	*Sprinkler section valve*	*Powder section valve*
		
Foam section valve	*Fixed fire extinguishing installation (water)*	*Fixed fire extinguishing installation (foam)*
		
Fixed fire extinguishing installation (powder)	*Fixed fire extinguishing installation (CO_2)*	*Fixed fire extinguishing battery (water)*
		
Fixed fire extinguishing battery (foam)	*Fixed fire extinguishing battery (powder)*	*Fixed fire extinguishing battery (CO_2)*
		
Fixed fire extinguishing bottle (water)	*Fixed fire extinguishing bottle (foam)*	*Fixed fire extinguishing bottle (powder)*

		
Fixed fire extinguishing bottle (CO_2)	*High expansion foam supply trunk*	*Water spray system valves*
Monitor (water)	*Monitor (foam)*	*Monitor (powder)*
		
Fire hose and nozzle (water)	*Fire hose and nozzle (foam)*	*Fire hose and nozzle (powder)*
		
Fire extinguisher (CO_2)	*Fire extinguisher (foam)*	*Fire extinguisher (powder)*
		
Wheeled fire extinguisher (CO_2)	*Wheeled fire extinguisher (foam)*	*Wheeled fire extinguisher (powder)*

Portable foam applicator	*Fire locker*	*Inert gas installation*
Space protection by fire fighting extinguisher (water)	*Space protection by fire fighting extinguisher (foam)*	*Space protection by fire fighting extinguisher (powder)*
		
Space protection by fire fighting extinguisher (CO_2)	*Space protection by fire fighting extinguisher (sprinkler)*	*Water fog applicator*
Push/button switch for general alarm	*Manually operated call point*	*Space monitored by smoke detector(s)*
Space monitored by heat detector(s)	*Space monitored by flame detector(s)*	*Space monitored by gas detector(s)*

Altri simboli importanti nella difesa contro gli incendi

		
Space protected by drenching system	*Hose box*	*Control panel for fire detection*
Emergency escape breathing device (EEBD)	*Breathing apparatus*	*Smoking area*

(fonte: catalogo Canepa e Campi)

3. SOLUZIONE DEI TEST A SCELTA MULTIPLA

QUESITO	RISPOSTA CORRETTA
1	Falso, Falso, Vero, Vero
2	Vero, Vero, Falso, Falso
3	Falso, Vero, Falso, Vero
4	b
5	Avvisare il ponte di comando o una stazione di controllo e/o premere il *manual call point* - Se possibile comunicare il proprio nome e la posizione dell'incendio - Se possibile provare ad estinguere l'incendio con estintori idonei - Se necessario chiudere le porte tagliafuoco dopo essersi accertati dell'assenza di altre persone nel locale
6	a
7	c