

MARINE SAFETY SIGNAGE CATALOG





ABOUT OUR SAFETY SIGNAGE PRODUCTS AND PROCESS

Datrex is the market leader in supplying high quality Maritime Safety Signage, Posters and Tapes. All our Dalite™ materials are made and printed in USA. We use high intensity Strontium Aluminate in the manufacture of our photoluminescent materials which ensures the high luminance values and long afterglow durations needed to meet the stringent IMO requirements. Datrex use of UV stabilized ink on all signage makes it suitable for use in any location onboard. Dalite™ products are the best choice for safety conscious operators who want the best value for their money. By choosing Dalite™ products, you will always be assured of meeting US and international requirements for shipboard use.

DALITE™ MATERIALS

Standard Sign Material

Flexible Signage DALITE™ 5660: Standard Flexible material in our Shipboard Photoluminescent Signage. It is a laminated film with a permanent acrylic, pressure-sensitive high tack adhesive, backed by a poly-coated release liner. Luminance performance: in excess of 72.0 mcd/m² @ 10 min. and 10.6 mcd/m² @ 60 min. when tested in accordance with DIN 67510-1.

Rigid Sign Material

Rigid PVC Signage DALITE™ D3: Standard Rigid material in our Shipboard Photoluminescent Signage. Laminated PVC with a photoluminescent layer protected by a tough gloss. Thickness 1.56 mm. Installation either by applying adhesive, double sided tape, or by drilling each corner for mechanical attachment. Luminance performance: in excess of 77.5 mcd/m² @ 10 min. and 10.6 mcd/m² @ 60 min. when tested in accordance with DIN 67510-1.

Standard LLL Material

Flexible Low Location Lighting DALITE™ 5670: Datrex standard material in our Flexible Low Location Lighting tapes. It is a laminated film with a permanent acrylic, pressure-sensitive high tack adhesive, backed by a poly-coated release liner. Can be slit to any width. Luminance performance: in excess of 146.0 mcd/m² @ 10 min. and 22.7 mcd/m² at 60 min. when tested in accordance with DIN 67510-1.

Super LLL Material

Flexible Low Location Lighting DALITE™ 5680: Datrex Super material in our Flexible Low Location Lighting tapes. . It is a laminated film with a permanent acrylic, pressure-sensitive high tack adhesive, backed by a poly-coated release liner. Can be slit to any width. Luminance performance: in excess of 181.0 mcd/m² @ 10 min. and 27.7 mcd/m² at 60 min. when tested in accordance with DIN 67510-1.

Rigid LLL Material

Rigid Low Location Lighting DALITE™ 5670: Standard Rigid material in our Rigid Low Location Lighting strips. Laminated PVC with a photoluminescent layer, protected by a tough gloss. Thickness 1.72 mm. Installation either by sliding into an extrusion or using double sided tape. Luminance performance: in excess of 146.0 mcd/m² @ 10 min. and 22.7 mcd/m² @ 60 min. when tested in accordance with DIN 67510-1.

Self Adhesive Vinyl
CLEAR

SELF-ADHESIVE VINYL:

Flexible gloss material available in white/yellow/orange/clear vinyl. 3.9 mil flexible opaque vinyl conforms to compound curved surfaces. Film possesses good opacity for hiding previous graphics and painted surfaces.

Rigid PVC

RIGID PVC

3.0 mm thick white or yellow rigid expanded PVC material suitable for both indoor and outdoor use.



MANUFACTURING:

Datrex Signage products use American made components of the highest quality, keeping your crew members as safe as possible. The most common signs are in stock at most Datrex locations. All signs are manufactured with strict standards well above those mandated by the IMO. The final product will outshine and outlast standard mass produced signs, and will maintain a crisp visual presentation without fading or signs of wear through years of harsh exposure and service.

Flexible, priority weighted cellular production enables Datrex to provide quick response to any sized order. From large ship-wide replacement to one-off custom signs and sizes, Datrex delivers quickly and correctly every time.

STANDARD SIZES AND MATERIAL AVAILABLE:

Sizes Available

AR 3x8in	BK 12x12in	EE 4X6in	RR 3X6in
AT 6X8in	BS 3X3in	HH 6X12in	SS 4X12in
AV 6X24in	BZ 2X4in	ll 8X8in	TT 10X14in
BB 1.5X8	BY 7X10in	JJ 8X10in	Placard 10.7x10.7in
BD 8.5X11in	CA 2X8in	KK 8X12in	
BI 2X2in	DD 4X4in	PP 6X6in	

Custom sizes, colors, and material available

Materials Available

Flexible Self Adhesive Vinyl
 SF Photo-luminescent
 CV Clear
 YV Yellow
 WV White
 OV Orange
 Rigid Vinyl
 SR Photo-luminescent
 YR Yellow
 WR White

WAYS TO ORDER:

1. Build the correct part number by adding together:
 Part Number + "-" + Size Code + "-" + Material + "-G" example: 6050-PP-SF-G
2. For custom signs and sizes use an existing part number (if available), add your dimensions and quantity, plus any special instructions. Email us for a quote at datrex@datrex.com. We will respond quickly.
3. Call any location and we will be happy to help define your needs and get your order placed.
4. Order through the website.

CONTACT INFORMATION FOR ALL LOCATIONS

For more information, contact your local Datrex branch or the main office in Kinder, LA:

Kinder, LA 337-738-4511
Miami, FL 305-638-8220
Jacksonville, FL 904-355-1401

Seattle, WA 206-762-9070
New Castle, DE 717-435-8011

Email: datrex@datrex.com

Website: www.datrex.com

Visit our website



SIGN REFERENCE

IMO SIGNS • PAGE 4

Lifeboat, Rescue boat, Life raft, Davit launched life raft, Embarkation ladder, Evacuation slide, Escape chute, Lifebuoy, Lifebuoy with Line, Lifebuoy with light, Lifebuoy with light and smoke, Lifejacket, Child's lifejacket, Infant lifejacket, Immersion suit, Thermal Protective Aid (TPA), AED Emergency defibrillator, Survival craft portable radio, EPIRB, Radar transponder, Survival craft pyrotechnic distress, Rocket parachute flares,more

FIRE CONTROL • PAGE 6

Safety plan, Push button switch for fire alarm, Horn fire alarm, Bell fire alarm, Manually operated call point, Space protected by automatic fire alarm, Fire alarm, beacon, light signal, Fire alarm panel, Sprinkler installation, Space protected by sprinkler, Sprinkler horn, Sprinkler section valve, CO2 battery, Fixed CO2 fire extinguishing battery, Space protected by CO2, CO2 horn, CO2 release station, Remote release station for CO2, Fixed CO2 fire extinguishing bottle,more

EVACUATION ROUTING • PAGE 11

Exit man running down right, Exit man running down left, Exit right, Exit for emergency, use only - right, Fire exit right, Fire exit left, Exit left, Emergency exit right, Emergency exit left, Muster station right, Muster station down, Muster station left, Lifeboat right, Lifeboat down right, Lifeboat down left, Lifeboat left, Lifeboat, Muster station, Arrow straight, Arrow diagonal, Gas shut-off control valve, Exit left vertical, "0", "1", "2", "3", "4", "A", "B", "C", "D", "E", "F".....more

EMERGENCY EQUIPMENT • PAGE 15

First aid, Smoke hood, In case of fire break glass, Escape hatch, Escape window, Escape door, Escape route, Breathing apparatus, Emergency equipment, Emergency telephone, Push to open, Pull to open, Stairs to fire exit, Drinking water, Emergency eye wash, Stretcher, Fire escape, Escape ladder, Helideck, Lifejacket under seats, Press button, First aid, AED emergency defibrillator, Ladder, Arrow straight, Arrow diagonal, Backwards arrow.....more

FIRE FIGHTING • PAGE 17

Fire extinguisher, Keep closed at all times, Fire alarm, Fire hose, Fire telephone, Fire point, In case of fire break glass, For use on electrical fires, Do not use on electrical fires, Fire hose reel, Sprinkler control valve, Dry powder, Dry riser, Wet riser, Halon, Foam inlet, Fire hydrant, CO2, Dry riser, Fire blanket, For use on flammable liquid fires, Missing fire extinguisher, Fire extinguisher symbol, "0", "1", "2", "3", "4", Arrow straight, Arrow diagonal.....more

MANDATORY SIGNS • PAGE 20

Boot symbol, Gloves symbol, Wear mask symbol, Wear respirator symbol, Saw blade guard symbol, Light switch symbol, Lift correctly symbol, Wash your hands symbol, Face shield symbol, Eye protection symbol Hard hat symbol, Ear protection symbol, Use guards symbol, Boots must be worn, Wear gloves, This is a safety helmet area, Head protection must be worn, Wear helmet, Guards must be in position, Lift correctly, Eye protection provided.....more

HAZARD • PAGE 22

Warning symbol, Warning acetylene, Danger battery charging, Danger hot, Caution test area, Motor starts and stops automatically, Danger lift well, Danger solvents, Danger no escape, Danger dust hazard, Danger asbestos, Danger, Danger pesticides, Hazardous area, Radiation symbol, Non-ionizing radiation, Caution slippery surface, Beware slip hazard, Caution noise, Caution trip hazard, Caution mind the step, Danger of death, Forklift symbol.....more

ISPS • PAGE 24

Restricted area crew only, Caution restricted area, Restricted area authorized PERSONAL only, Area restringida, Category A watertight door, Category B watertight door 0300 - 2200..., No smoking, No open lights, smoking, visitors, No smoking no naked lights, Discharge of oil prohibited, Vessel security notice, Discharge of plastic, MARPOL trash placard, Explosive 1, Flammable gas 2, Flammable liquid 3, Flammable solid 4, Oxidizer 5.1, Poison 6, Corrosive 8.....more

IMDG HAZMAT • PAGE 26

Explosive 1, Flammable gas 2, Non-flammable compressed gas 2, Flammable liquid 2, Flammable solid 4, Oxidizer 5.1, Poison 6, Corrosive 8

IMO POSTERS • PAGE 27

Liferaft launching procedure, Inflatable liferaft vital actions, Fully enclosed lifeboats launching procedure in danger, Electric Shock resuscitation chart, Safety signs for enclosed spaces, Prevent oil pollution, Drug warning notice, Breathing apparatus poster, Abandon ship, Davit launched liferafts, Man overboard, Pilot boarding arrangement, Free fall lifeboat launching, Fire extinguisher types, Personal protective equipment, Lifejacket donning instructions.....more

TAPES LLL, ROUTING STRIPS, RETRO-REFLECTIVE & NON-SKID • PAGE 32

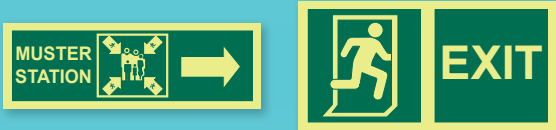
Dalite High 2"x150' blank, Dalite Super 3"x150' blank, Dalite High 2"x150' with 50 arrows, Dalite Super 3"x30', with 10 arrows, Direction indicator straight arrow, Exit right, , Man running right, Dead end, Green diagonal tape 2"x150' marking safe areas, Retro-reflective tape 2"x150', USCG/SOLAS/MED, Retro-reflective tape 4"x150', Safety track black, 1"x60' roll, , Safety track yellow/Safety track yellow/black, 6"x60' roll, Safety track resilient black, 4"x60' roll.....MORE



IMO SIGNS PAGE **04**



FIRE CONTROL PAGE **06**



EVACUATION ROUTING PAGE **11**



EMERGENCY EQUIPMENT PAGE **15**



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ISPS PAGE **24**



IMDG HAZMAT PAGE **26**



IMO POSTERS PAGE **27**



TAPES LLL, ROUTING STRIPS, RETRO-REFLECTIVE & NON-SKID PAGE **32**

IMO SIGNS



6020
Lifeboat
PP,DD



6021
Rescue boat
PP



6022
Life raft
PP,DD



6023
Davit launched life raft
PP



6024
Embarkation ladder
PP,DD



6025
Evacuation slide
PP



6189
Escape chute
PP



6026
Lifebuoy
PP,DD



6027
Lifebuoy with Line
PP,DD



6028
Lifebuoy with light
PP,DD



6029
Lifebuoy with light and smoke
PP,DD



6105
Lifebuoy with Line and Light
PP,DD



6030
Lifejacket
PP,DD



6031
Child's lifejacket
PP,DD



6073
Infant lifejacket
PP



6032
Immersion suit
PP,DD



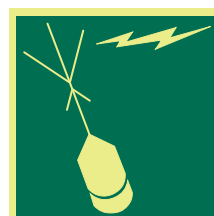
6077
Thermal Protective Aid (TPA)
PP,DD



6076
AED Emergency defibrillator
AT



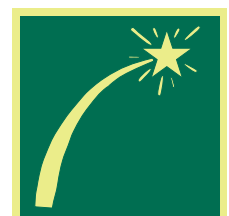
6033
Survival craft portable radio
PP,DD



6034
EPIRB
PP,DD



6035
Radar transponder
PP,DD



6036
Survival craft
pyrotechnic distress
PP,DD



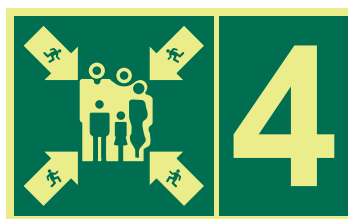
6037
Rocket parachute flares
PP,DD



6068
Portable magazine chest
AT



7015
EEBD
PP,DD



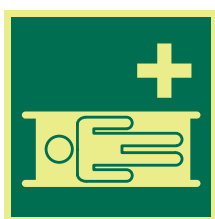
6039 + 6044
Muster station no. 4 (example)



6038
Line throwing appliance
PP



6039
Muster station
PP,DD,BI,BS



6078
Stretcher
PP



6050
Direction indicator
straight arrow
PP,DD,BS,BI



6019
Direction indicator diagonal
arrow
PP,DD,BS,BI



6079
Descender station
PP



6110
Fasten seat belts
PP



6111
Secure hatches
PP



6112
Start engine
PP



6113
Lower lifeboat to water
PP



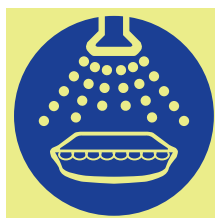
6114
Lower life raft to water
PP



6115
Lower rescue boat to water
PP



6116
Release falls
PP



6117
Start water spray
PP



6118
Start air supply
PP



6119
Release gripes
PP

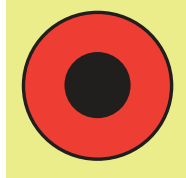
FIRE CONTROL



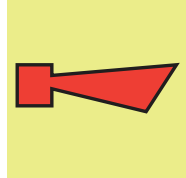
6650
Fire control plan
PP



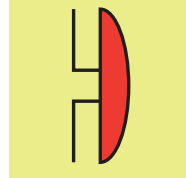
7107
Safety plan
PP



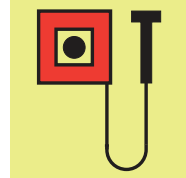
6651
Push button switch
for fire alarm
PP



6652
Horn fire alarm
PP



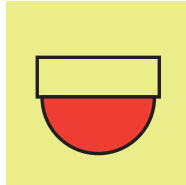
6653
Bell fire alarm
PP



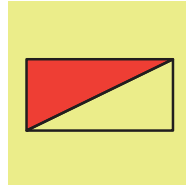
6654
Manually operated call
point
PP



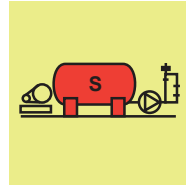
6655
Space protected by
automatic fire alarm
PP



7103
Fire alarm, beacon,
light signal
PP



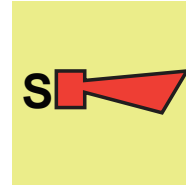
6656
Fire alarm panel
PP



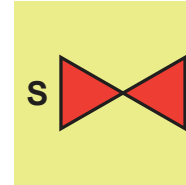
6657
Sprinkler installation
PP



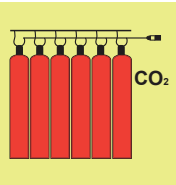
6658
Space protected
by sprinkler
PP



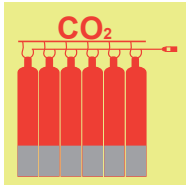
6659
Sprinkler horn
PP



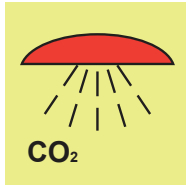
6660
Sprinkler section valve
PP



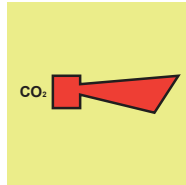
6661
CO2 battery
PP



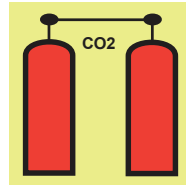
7124
Fixed CO2 fire
extinguishing battery
PP



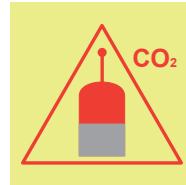
6662
Space protected by CO2
PP



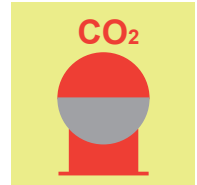
6663
CO2 horn
PP



6664
CO2 release station
PP



7115
Remote release station
for CO2
PP



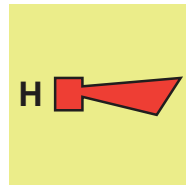
7123
Fixed CO2 fire
extinguishing bottle
PP



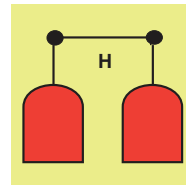
6665
Halon 1301 Battery
PP



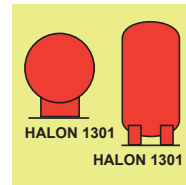
6666
Space protected by Halon
PP



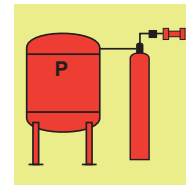
6667
Halon horn
PP



6668
Halon release station
PP



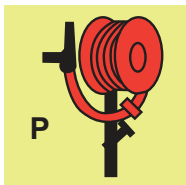
6669
Halon 1301 bottles in
protected area
PP



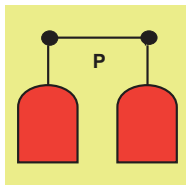
6670
Powder installation
PP



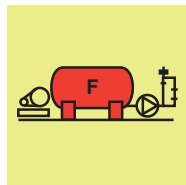
6671
Powder monitor (gun)
PP



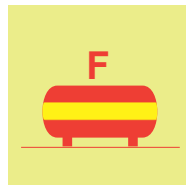
6672
Powder hose and handgun
PP



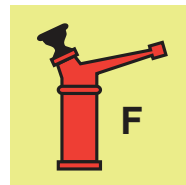
6673
Powder release station
PP



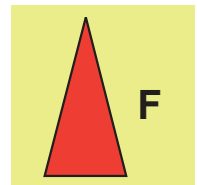
6674
Foam installation
PP



7122
Fixed foam fire
extinguishing installation
PP



6675
Foam monitor (gun)
PP



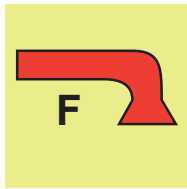
6676
Foam nozzle
PP

Sizes: PP 6x6

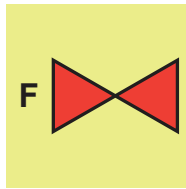
Material: SF: Flexible Vinyl Photoluminescent,

SR: Rigid Vinyl Photoluminescent

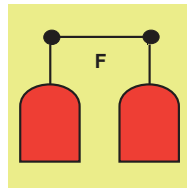
Custom sizes, colors, and materials available



6677
Space protected by foam
PP



6678
Foam valve
PP



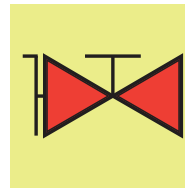
6681
Foam release station
PP



6691
Flame detector
PP



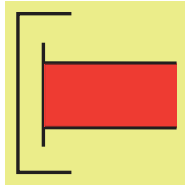
6728
Smoke detector
PP



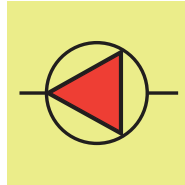
6682
Fire main with fire valves
PP



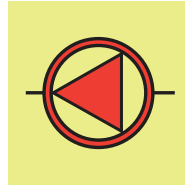
6683
Hose box with
spray/jet fire nozzle
PP



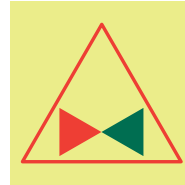
6684
International shore
connection
PP



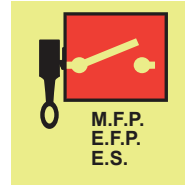
6685
Fire pump
PP



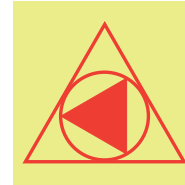
6686
Emergency fire pump
PP



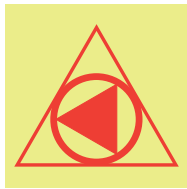
7114
Remote control for fire
pump valves
PP



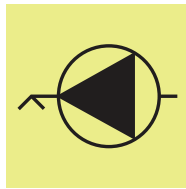
6687
Remote controlled fire pumps
or emergency switches
PP



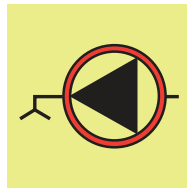
7108
Remote control
for fire pump
PP



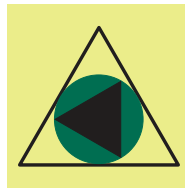
7109
Remote control
emergency fire pump
PP



6688
Bilge pump
PP



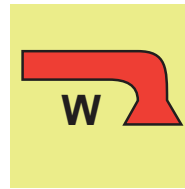
6689
Emergency bilge pump
PP



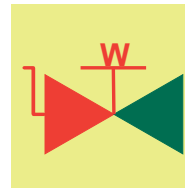
7116
Remote control
for bilge pump
PP



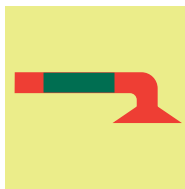
6690
Water monitor (gun)
PP



6693
Water fog applicator
PP



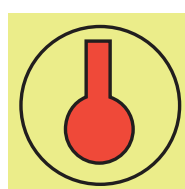
7125
Fire Hydrant
PP



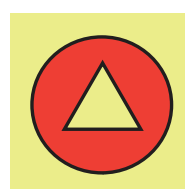
7129
Water fog applicator
PP



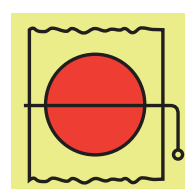
7105
Fire hose
and nozzle - water
PP



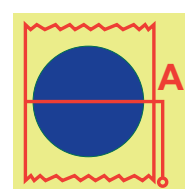
6729
Heat detector
PP



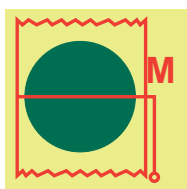
6679
Gas detector
PP



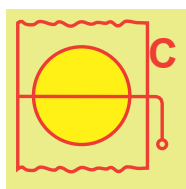
6707
Fire damper in vent duct
PP



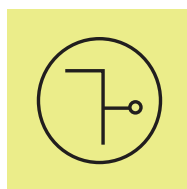
7119
Fire damper -
accommodation
PP



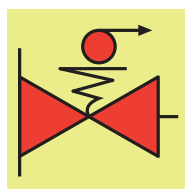
7120
Fire damper -
machinery spaces
PP



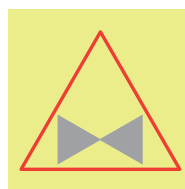
7119C
Fire damper -
cargo spaces
PP



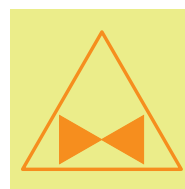
6708
Remote controlled
skylights
PP



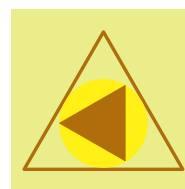
6709
Remote controlled fuel/
lubricating oil valves
PP



7104
Remote control for fuel
oil valves
PP



7113
Remote control for lube
oil valves
PP

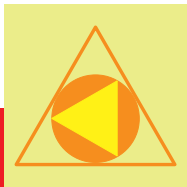


7110
Fuel pump remote
shut-off
PP

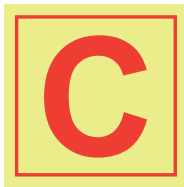
Sizes: PP 6x6

Material: SF: Flexible Vinyl Photoluminescent,
SR: Rigid Vinyl Photoluminescent
Custom sizes, colors, and materials available

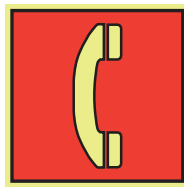
FIRE CONTROL



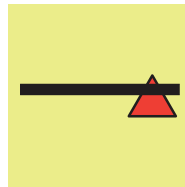
7111
Lube oil pump remote
shut-off
PP



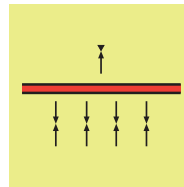
6710
Control station
PP



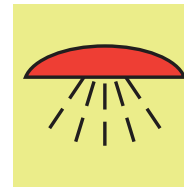
6692
Emergency telephone
station
PP



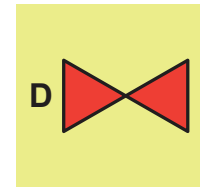
6680
Fire axe
PP



6696
Drenching installation
PP



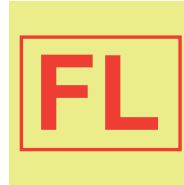
6697
Space protected by
drenching system
PP



6698
Section valves
PP



6699
Fire station
PP



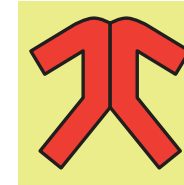
7126
Fire locker
PP



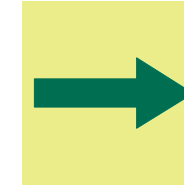
6700
Locker with fireman's
outfit
PP



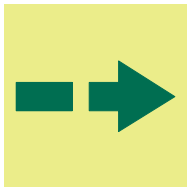
6701
Locker with additional
breathing apparatus
PP



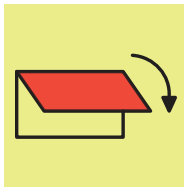
6702
Locker with additional
protective clothing
PP



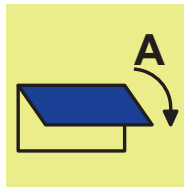
6703
Primary means of escape
PP



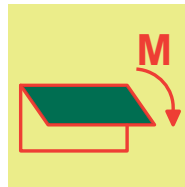
6704
Secondary means of
escape
PP



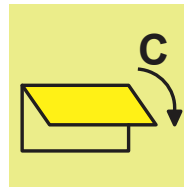
6725
Closing appliance exterior
ventilation, inlet or outlet
PP



7101
Closing device
for ventilation -
accommodation
PP



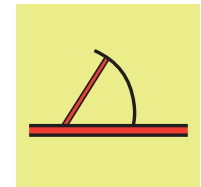
7102
Closing device for ventilation
- Machinery spaces
PP



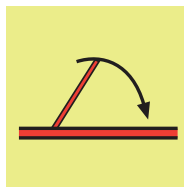
7100
Closing device for
ventilation - Cargo spaces
PP



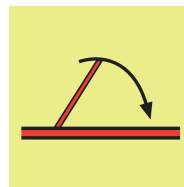
6705
A class division
PP



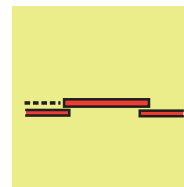
6717
A class swing fire door
PP



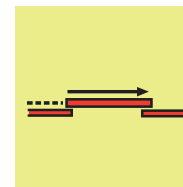
6719
A class swing fire door
PP



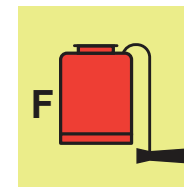
6719
A class swing fire door
self closing
PP



6718
A class slide fire door
PP



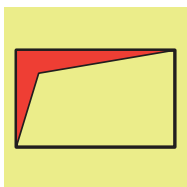
6720
A class slide fire door self
closing
PP



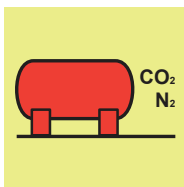
6711
Portable foam applicator
PP



6712
Inert gas installation
PP



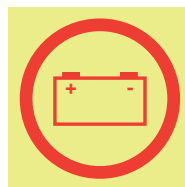
6713
High expansion foam
supply trunk
PP



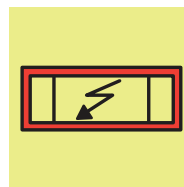
6714
CO2/nitrogen bulk
installation
PP



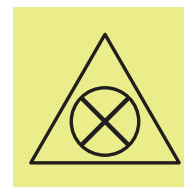
6715
Emergency generator
PP



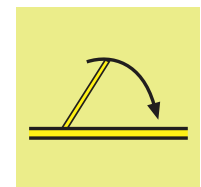
7121
Emergency battery
PP



6716
Emergency switchboard
PP



6726
Remote ventilation
shut-off
PP



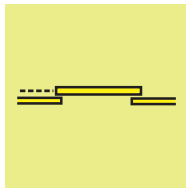
6723
B class swing fire door
self closing
PP

Sizes: PP 6x6

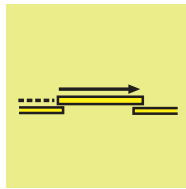
Material: SF: Flexible Vinyl Photoluminescent,

SR: Rigid Vinyl Photoluminescent

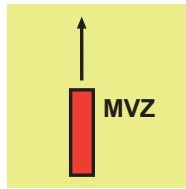
Custom sizes, colors, and materials available



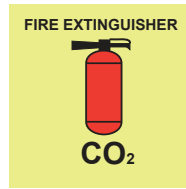
6722
B class slide fire door
PP



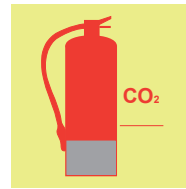
6724
B class slide fire door self closing
PP



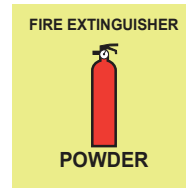
6727
Main vertical zone
PP



6632
Portable CO2 fire extinguisher
PP



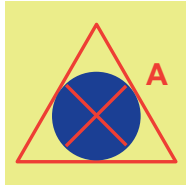
7128C
Fire extinguisher CO2
PP



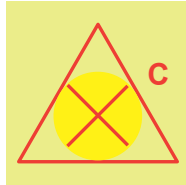
6631
Fire extinguisher powder
PP



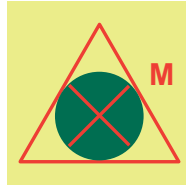
6954
Fire extinguisher dry chemical
PP



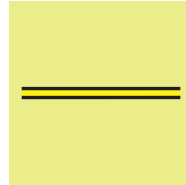
7117
Ventilation remote control - accommodation
PP



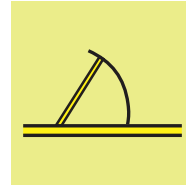
7117C
Cargo spaces
PP



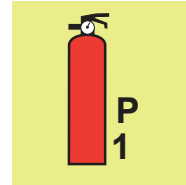
7118
Ventilation remote control - machinery spaces
PP



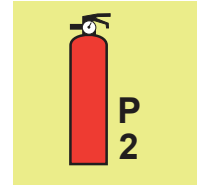
6706
B class division
PP



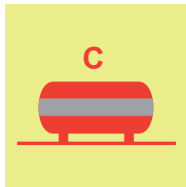
6721
B class swing fire door
PP



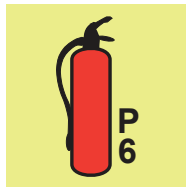
6841
Portable Powder, P1, fire extinguisher
PP



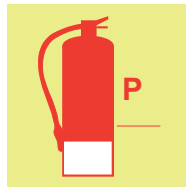
6843
Portable Powder, P2, fire extinguisher
PP



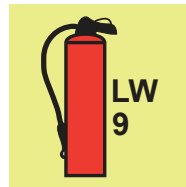
7122C
CO2 fixed fire extinguishing installation
PP



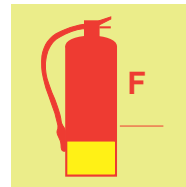
6838
Portable powder, P6, fire extinguisher
PP



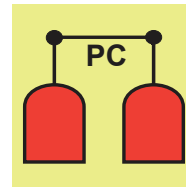
7128
Fire extinguisher powder
PP



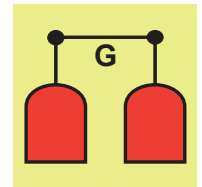
6842
Portable Powder, LW9, fire extinguisher
PP



7128F
Fire extinguisher foam
PP



6956
Release station for aqueous po
PP



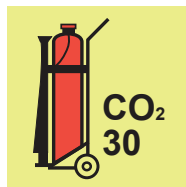
6955
Remote actuator for galley gay
PP



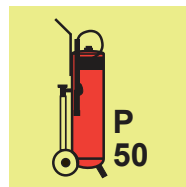
6919
Portable Halon, 1211/4 fire extinguisher
PP



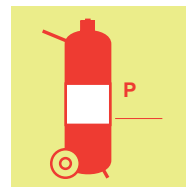
7132W
Fire main section valve
PP



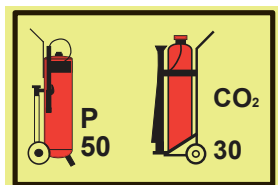
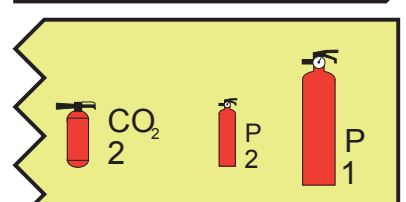
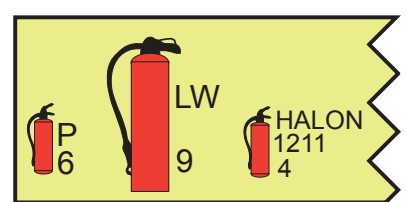
6840
Wheeled CO2, 30, fire extinguisher
PP



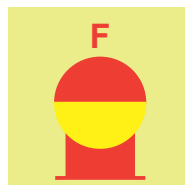
6839
Wheeled powder, P50, fire extinguisher
PP



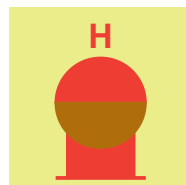
7127
Wheeled powder fire extinguisher
PP



6695
Wheeled fire extinguishers
HH



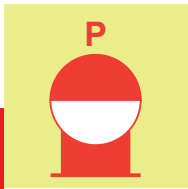
7123F
Fixed foam fire extinguishing bottle placed in protected area
PP



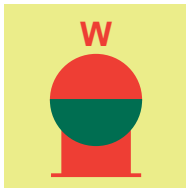
7123H
Fixed gas other than CO2 or Nitrogen fire extinguishing bottle
PP

6694
Portable fire extinguishers
AV

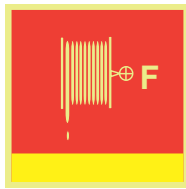
FIRE CONTROL



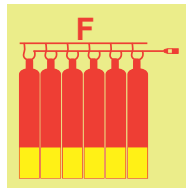
7123P
Fixed powder fire extinguishing bottle placed in protected area
PP



7123W
Fixed water fire extinguishing bottle placed in protected area
PP



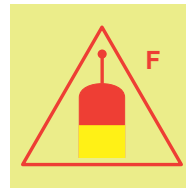
7105F
Foam fire hose and nozzle
PP



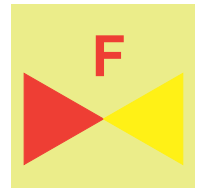
7124F
Foam fixed fire extinguishing installation
PP



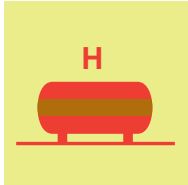
7130F
Foam monitor
PP



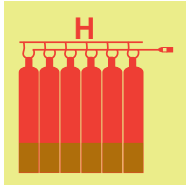
7115F
Foam remote release station
PP



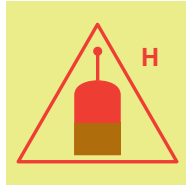
7132F
Foam section valve
PP



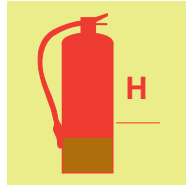
7122H
Gas other than CO2 or nitrogen fixed fire extinguishing installation
PP



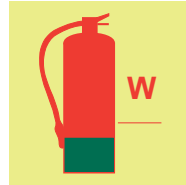
7124H
Gas other than CO2 or nitrogen fixed fire extinguishing installation
PP



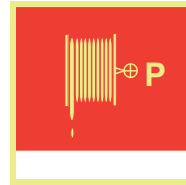
7115H
Gas other than CO2 or nitrogen remote release station
PP



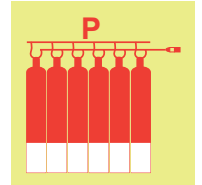
7128H
Portable gas other than CO2 or nitrogen fire extinguisher
PP



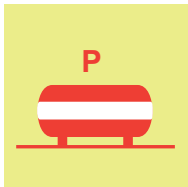
7128W
Portable water fire extinguisher
PP



7105P
Powder fire hose and nozzle
PP



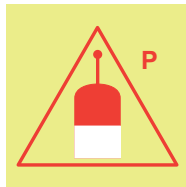
7124P
Powder fixed fire extinguishing installation
PP



7122P
Powder fixed fire extinguishing installation
PP



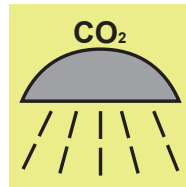
7130P
Powder monitor
PP



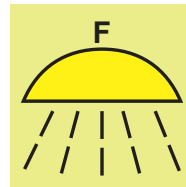
7115P
Powder remote release station
PP



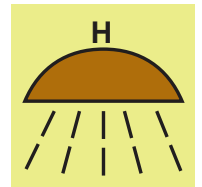
7132P
Powder section valve
PP



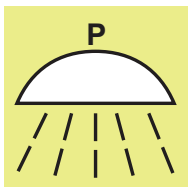
7131C
Space protected by CO2
PP



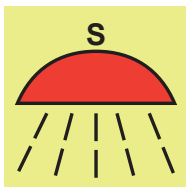
7131F
Space protected by foam
PP



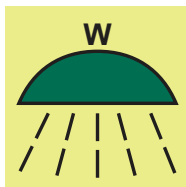
7131H
Space protected by gas other than CO2 or nitrogen
PP



7131P
Space protected by powder
PP



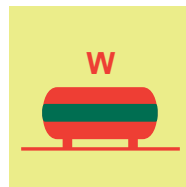
7131S
Space protected by sprinkler or high pressure
PP



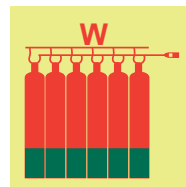
7131W
Space protected by water
PP



7132S
Sprinkler section valve
PP



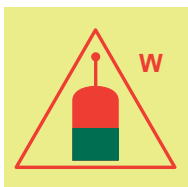
7122W
Water fixed fire extinguishing installation
PP



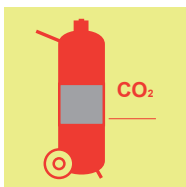
7124W
Water fixed fire extinguishing installation
PP



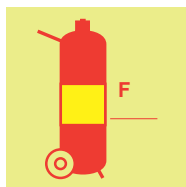
7130W
Water monitor
PP



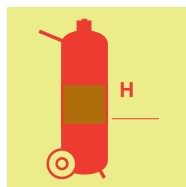
7115W
Water remote release station
PP



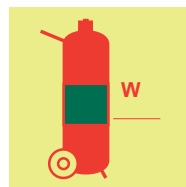
7127C
Wheeled CO2 fire extinguisher
PP



7127F
Wheeled foam fire extinguisher
PP



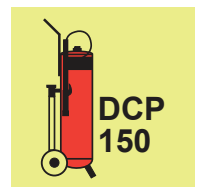
7127H
Wheeled gas other than CO2 or nitrogen fire extinguisher
PP



7127W
Wheeled water fire extinguisher
PP



6959
Wheeled DCP-50
PP,SF



6960
Wheeled DCP-150
PP,SF

Sizes: PP 6x6

Material: SF: Flexible Vinyl Photoluminescent,

SR: Rigid Vinyl Photoluminescent

Custom sizes, colors, and materials available



6249
Exit man running down right
HH,SS



6250
Exit man running down left
HH,SS



6251
Exit man running left
HH,SS



6252
Exit man running down
HH,SS



6253
Exit man running up right
HH,SS



6254
Exit man running up left
HH,SS



6255
Exit man running down
HH,SS



6256
Exit man running right/up
HH,SS



6257
Exit man running left/up
HH,SS



6248
Exit man running right
HH,SS



6259
Exit right
HH,SS



6320
Exit left
HH,SS



6258
Exit for emergency use only - right
HH,SS



6349
Exit for emergency use only - left
HH,SS



6343
Fire exit right
HH



6344
Fire exit left
HH



6914
Exit left
BB



6915
Exit right
BB



6239
Emergency exit right
HH,SS



6240
Emergency exit left
HH,SS

EVACUATION ROUTING



6263
Muster station right
HH,SS



6264
Muster station down
HH,SS



6265
Muster station down
HH,SS



6266
Muster station left
HH,SS



6267
Muster station down right
HH,SS



6268
Muster station down left
HH,SS



6269
Muster station up right
HH,SS



6270
Muster station up left
HH,SS



6271
Muster station up
HH,SS



6272
Muster station
HH,SS



6274
Lifeboat right
HH,SS



6275
Lifeboat down right
HH,SS



6276
Lifeboat down left
HH,SS



6277
Lifeboat left
HH,SS



6278
Lifeboat down
HH,SS



6279
Lifeboat up right
HH,SS



6280
Lifeboat up left
HH,SS



6281
Lifeboat down
HH,SS



6282
Lifeboat up
HH,SS



6283
Lifeboat up
HH,SS

EVACUATION ROUTING



6319
Exit right
HH



6318
Fire exit left
HH



6317
Fire exit right
HH



6295
Man running right arrow
HH



6294
Man running left arrow
HH



6260
Exit man running right
PP,DD,BS



6261
Exit man running left
PP,DD,BS



6050
Arrow straight
PP,DD,BS



6019
Arrow diagonal
PP,DD,BS



6330
Exit left vertical
CA,AR



6331
Exit right vertical
CA,AR



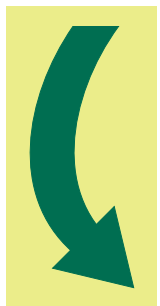
6925
In case of fire, do not use lift
PP,BK



6273
Lifeboat
BK



6262
Muster station
BK



6007
Sign door handle -
down right
RR,DD,BS



6008
Sign door handle -
down left
RR,DD,BS



6040
"0"
HH,PP,RR,DD



6041
"1"
HH,PP,RR,DD



6042
"2"
HH,PP,RR,DD



6043
"3"
HH,PP,RR,DD



6044
"4"
HH,PP,RR,DD



6045
"5"
HH,PP,RR,DD

EVACUATION ROUTING



6046
"6"
HH,PP,RR,DD



6047
"7"
HH,PP,RR,DD



6048
"8"
HH,PP,RR,DD



6049
"9"
HH,PP,RR,DD



6054
"A"
HH,PP,RR,DD



6055
"B"
HH,PP,RR,DD



6056
"C"
HH,PP,RR,DD



6057
"D"
HH,PP,RR,DD



6058
"E"
HH,PP,RR,DD



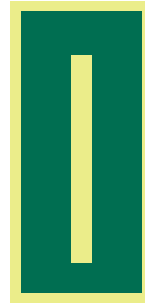
6059
"F"
HH,PP,RR,DD



6060
"G"
HH,PP,RR,DD



6061
"H"
HH,PP,RR,DD



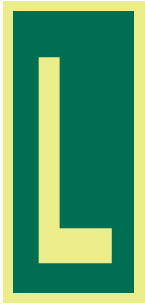
6062
"I"
HH,PP,RR,DD



6063
"J"
HH,PP,RR,DD



6064
"K"
HH,PP,RR,DD



6065
"L"
HH,PP,RR,DD



6066
"M"
HH,PP,RR,DD



6067
"N"
HH,PP,RR,DD



6093
"O"
HH,PP,RR,DD



6094
"P"
HH,PP,RR,DD



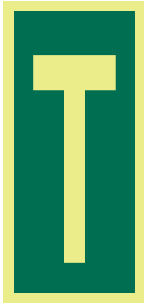
6095
"Q"
HH,PP,RR,DD



6096
"R"
HH,PP,RR,DD



6097
"S"
HH,PP,RR,DD



6098
"T"
HH,PP,RR,DD



6099
"U"
HH,PP,RR,DD



6100
"V"
HH,PP,RR,DD



6101
"W"
HH,PP,RR,DD



6102
"X"
HH,PP,RR,DD



6103
"Y"
HH,PP,RR,DD



6104
"Z"
HH,PP,RR,DD

EMERGENCY EQUIPMENT



FIRST AID

6238
First aid
SS



Smoke hood

6195
Smoke hood
SS



**In Case of Fire
Break Glass**

6327
In case of fire break glass
SS

ESCAPE HATCH

6338
Escape hatch
HH,SS

ESCAPE WINDOW

6339
Escape window
HH,SS

ESCAPE DOOR

6340
Escape door
HH,SS

ESCAPE ROUTE

6341
Escape route
HH,SS

ESCAPE TO SEA

6342
Escape to sea
HH,SS



**BREATHING
APPARATUS**

6220
Breathing apparatus
HH,SS



**EMERGENCY
EQUIPMENT**

6221
Emergency equipment
HH,SS



**EMERGENCY
TELEPHONE**

6222
Emergency telephone
SS



PUSH TO OPEN

6223
Push to open
SS



**EMERGENCY ONLY
PUSH PAD TO OPEN
ALARM WILL SOUND!**

6224
Emergency only push pad to open, alarm will sound!
SS



PULL TO OPEN

6225
Pull to open
SS



**In case of fire your
assembly point is:-**

6226
In case of fire your assembly point is:
SS



**STAIRS TO
FIRE EXIT**

6227
Stairs to fire exit
SS



**DRINKING
WATER**

6228
Drinking water
SS



**EMERGENCY
EYE WASH**

6229
Emergency eye wash
HH,SS



**EMERGENCY
SHOWER**

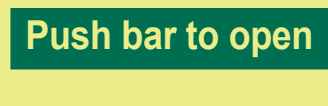
6230
Emergency shower
HH,SS








Stretcher







6231
Stretcher
HH,SS

EMERGENCY EQUIPMENT

 <p>Slide to open</p>	 <p>FIRE ESCAPE</p>	 <p>Slide to open</p>	 <p>Push bar to open</p>
<p>6232 Slide right to open HH,SS</p>	<p>6233 Fire escape SS</p>	<p>6234 Slide left to open HH,SS</p>	<p>6235 Push bar to open SS</p>

 <p>EMERGENCY STOP</p>	 <p>Escape ladder</p>	 <p>Helideck</p>
<p>6236 Emergency stop SS</p>	<p>6237 Escape ladder HH,SS</p>	<p>6081 Helideck SS,SF</p>

 <p>AED EMERGENCY DEFIBRILLATOR</p>	 <p>6241 Emergency stop PP,DD</p>	 <p>6069 First aid PP,DD</p>	 <p>6242 Eye wash PP,DD</p>	 <p>Lifejacket Under Seats</p>
<p>6076 AED emergency defibrillator AT</p>				<p>6072 Lifejacket under seats EE</p>

 <p>GAS SHUT OFF CONTROL VALVE</p>	 <p>6243 Shower PP,DD</p>	 <p>6245 Telephone PP,DD</p>	 <p>6244 Ladder PP,DD</p>	 <p>6050 Arrow straight PP,DD,BS</p>	 <p>6019 Arrow diagonal PP,DD,BS</p>
<p>6080 Gas shut-off control valve AT</p>					



**FIRE
EXTINGUISHER**

6769
Fire extinguisher
HH,SS



**WET
CHEMICAL**

6824
Fire extinguisher wet chemical
SS



**FIRE
ALARM**

6770
Fire alarm
HH,SS



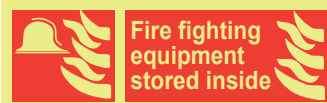
**FIRE
HOSE**

6771
Fire hose
HH,SS



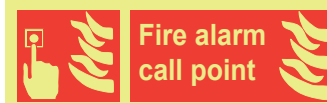
**FIRE
telephone**

6772
Fire telephone
HH,SS



**Fire fighting
equipment
stored inside**

6773
Fire fighting equipment stored inside
HH,SS



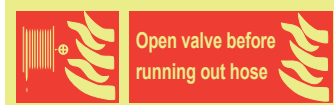
**Fire alarm
call point**

6774
Fire alarm call point
HH,SS



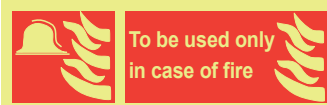
**Fire
Point**

6775
Fire point
HH,SS



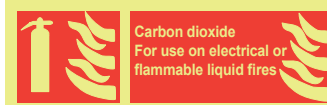
**Open valve before
running out hose**

6776
Open valve before running out hose
HH,SS



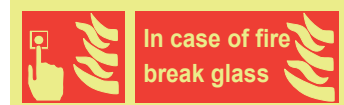
**To be used only
in case of fire**

6777
To be used only in the case of fire
HH,SS



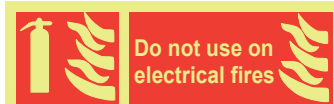
**Carbon dioxide
For use on electrical or
flammable liquid fires**

6778
Carbon dioxide for use on electrical
or flammable liquid fires
HH,SS



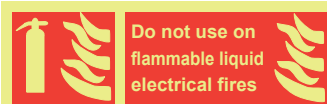
**In case of fire
break glass**

6779
In case of fire break glass
HH,SS



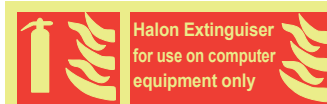
**Do not use on
electrical fires**

6780
Do not use on electrical fires
HH,SS



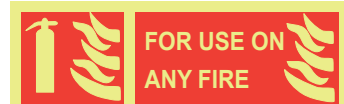
**Do not use on
flammable liquid
electrical fires**

6781
Do not use on flammable liquid electrical fires
HH,SS



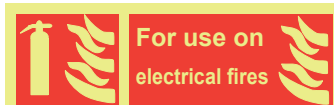
**Halon Extinguisher
for use on computer
equipment only**

6782
Halon extinguisher for use on computer
HH,SS



**FOR USE ON
ANY FIRE**

6783
For use on any fire
HH,SS



**For use on
electrical fires**

6784
For use on electrical fires
HH,SS



**For use on
flammable
liquid fires**

6785
For use on flammable liquid fires
HH,SS



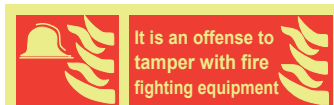
**FIRE HOSE
REEL**

6786
Fire hose reel
HH,SS



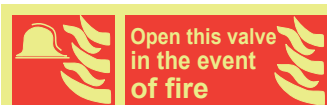
**SPRINKLER
CONTROL
VALVE**

6787
Sprinkler control valve
HH,SS



**It is an offense to
tamper with fire
fighting equipment**

6788
It is an offense to tamper
with fire fighting equipment
HH,SS



**Open this valve
in the event
of fire**

6789
Open this valve in the event of fire
HH,SS



**DRY
POWDER**

6790
Dry powder
HH,SS



**DRY
RISER**

6791
Dry riser
HH,SS

FIRE FIGHTING



6792
Wet riser
HH,SS



6793
Halon
HH,SS



6794
Foam inlet
HH,SS



6795
Firemans switch
HH,SS



6796
Sprinkler stop valve
HH,SS



6797
Fire blanket
HH,SS



6798
Fire hydrant
HH,SS



6799
Fire Buckets
HH,SS



6800
For use on any fire
HH



6801
For use on electrical fires
HH



6802
Do not use on electrical fires
HH



6803
Do not use on flammable liquid or electrical fires
HH



6804
Firemans switch
HH



6805
Dry riser
HH



6806
Fire blanket
HH,AT,PP



6807
Wet riser
HH



6808
In case of fire break glass
HH



6809
Sprinkler control valve
HH



6810
Fire alarm call point
HH



6811
Sprinkler stop valve
HH



6815
CO2
HH



6816
Halon
HH



6817
For use on flammable liquid fires
HH



6762
Missing fire extinguisher
AV



6812
Fire point
HH



6813
Dry powder
HH



6814
Foam inlet
HH



6764
Fire extinguisher symbol
PP,DD,BS,BI



6765
Fire alarm call point
PP,DD,BS,BI



6766
Fire hose reel symbol
PP,DD,BS,BI



6767
Fire phone symbol
PP



6768
Fire point
PP



6040R
"0"
DD



6041R
"1"
DD



6042R
"2"
DD



6043R
"3"
DD



6044R
"4"
DD



6045R
"5"
DD



6046R
"6"
DD



6047R
"7"
DD



6048R
"8"
DD



6049R
"9"
DD



6050R
Arrow straight
PP,DD



6019R
Arrow diagonal
PP,DD

MANDATORY SIGNS



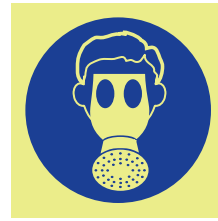
6194
Boot symbol
PP,DD



6120
Gloves symbol
PP,DD



6867
Wear mask symbol
PP



6637
Wear respirator symbol
PP



6529
Saw blade guard symbol
PP



6868
Light switch symbol
PP



6869
Lift correctly symbol
PP



6870
Wash your hands symbol
PP



6855
Face shield symbol
PP



6853
Eye protection symbol
PP



6132
Hard hat symbol
PP



6854
Ear protection symbol
PP



6123
Boots must be worn
AT



6873
Wear gloves
AT



6862
This is a safety helmet area
JJ



6874
Head protection must be worn
AT, JJ



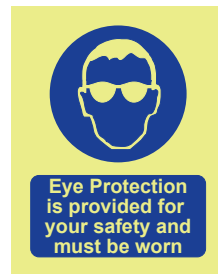
6863
Wear helmet
AT, JJ



6856
Guards must be in position
JJ



6875
Lift correctly
JJ



6845
Eye protection provided
AT



6846
Wear face shield
AT, JJ



Face Protection
must be worn
when welding

6857
Face protection, welding
AT, JJ



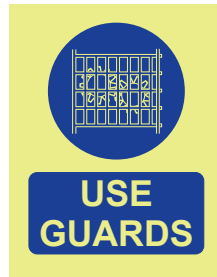
Eye Protection
must be worn
in this area

6847
Eye protection must be worn
in this area
AT



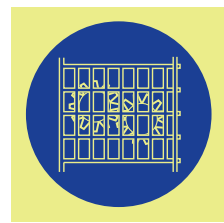
Eye Protection
must be worn

6527
Eye protection must be worn
AT, JJ



USE
GUARDS

6848
Use guards
AT



6871
Use guards symbol
PP



NOW WASH
YOUR HANDS

6537
Now wash your hands
AT, JJ



WEAR
MASK

6849
Wear mask
AT, JJ



WEAR
RESPIRATOR

6850
Wear respirator
AT, JJ



Ear Protection
Must Be Worn

6531
Ear protection must be worn
AT, JJ



WEAR EAR
PROTECTION

6539
Wear ear protection
AT



Eye Protection
must be worn
in this area

6858
Ear protection must be worn
in this area
AT, JJ



Switch Off
when not
in use

6859
Switch off when not in use
JJ



Keep
Door
Closed
At
Sea

6145
Keep door closed at sea
PP



KEEP
CLOSED
AT ALL
TIMES

6146
Keep closed at all times
PP



PERSONAL PROTECTIVE
EQUIPMENT IS PROVIDED
USE IT!!

6860
Personal protective equipment is provided, use it!
SS



ACCIDENTS MUST
BE REPORTED.

6861
Accidents must be reported
SS



Protective Clothing must
be worn in this area

6865
Protective clothing must be worn in this area
SS



Persons entering these
premises must comply
with safety regulations

6864
Persons entering these premises...
SS



THINK SAFETY

6866
Think safety
SS

HAZARD



6886
Warning symbol
PP



6404
Warning acetylene
AT



6587
Danger battery charging
AT



6588
Danger hot
AT



6589
Caution test area
AT



6591
Motor starts and stops
automatically
AT



6592
Danger lift well
AT



6593
Danger solvents
AT



6420
Danger no escape
AT



6421
Danger dust hazard
AT



6422
Danger asbestos
JJ



6552
Danger
AT



6418
Danger pesticides
AT



6419
Hazardous area
AT



6571
Radiation symbol
AT



6572
Non-ionizing radiation
JJ



6526
Caution slippery surface
AT, JJ



6581
Beware slip hazard
AT, JJ



6597
Caution noise
AT, JJ



6584
Caution trip hazard
AT



6586
Caution mind the step
AT



6556
Danger of death
AT



6583
Forklift symbol
II



6538
Mind your head
AT



6559
Flammable symbol
PP



6406
Danger fire risk
AT, JJ



6557
Highly flammable material
AT, JJ



6405
Danger LPG flammable
AT



6408
Petroleum mixture
AT



6403
Explosive gases
AT



PETROLEUM VAPOR

6558
Petroleum vapor
AT



6555
Explosive symbol
PP



OXYGEN

6417
Warning oxygen
AT



COMPRESSED OXYGEN

6401
Compressed oxygen
AT, JJ



COMPRESSED GASES

6525
Compressed gases
AT, PP



DANGER EXPLOSIVE MATERIALS

6402
Danger explosive materials
AT



CAUTION EXPLOSION RISK

6554
Caution explosion risk
AT



6400
Toxic symbol
DD



DANGEROUS CHEMICALS

6413
Dangerous chemicals
AT, JJ



DANGER CHLORINE

6415
Danger chlorine
AT



DANGER LOW OXYGEN

6416
Danger low oxygen
AT



6500
Spillage symbol
PP



CORROSIVE SUBSTANCE

6574
Corrosive substance
AT



CAUSTIC

6576
Caustic
JJ



ACID

6518
Acid
AT, JJ



BATTERY ACID

6551
Battery acid
AT, JJ



BIOLOGICAL HAZARD

6609
Biological hazard
AT



6553
Radiation symbol
PP, DD



CAUTION RADIATION RISK

6561
Caution radiation risk
AT



X-RAYS

6562
X-rays
AT



IONIZING RADIATION

6563
Ionizing radiation
AT

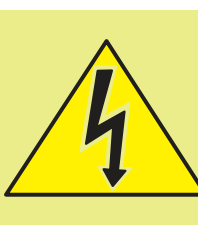


6614
Laser symbol
PP



LASER

6617
Laser beam
AT



6512
Electric shock symbol
PP, DD



DANGER HIGH VOLTAGE

6534
Danger high voltage
AT, JJ



DANGER 240 VOLTS

6423
Danger 240 volts
AT



DANGER 440 VOLTS

6424
Danger 440 volts
AT



DANGER LIVE WIRES

6533
Danger live wires
AT



DANGER ELECTRIC SHOCK RISK

6425
Danger electric shock risk
AT, JJ



DANGER ELECTROCUTION RISK

6427
Danger electrocution risk
JJ

RESTRICTED AREA

NO ADMITTANCE WITHOUT THE AUTHORITY OF A SHIP'S OFFICER

UNAUTHORIZED ENTRY CONSTITUTES A BREACH OF THIS VESSEL'S SECURITY ARRANGEMENTS AND WILL BE REPORTED TO THE PORT STATE AUTHORITIES.

SP546
Restricted area no admittance
BY



6391
No open lights, smoking, visitors
HH



6980
Caution restricted area
BY



6387
Restricted personnel only
TT



6389
Vessel security notice
JJ



SP501
Area Restringida
KK



6640
No smoking
KK



6390
Restricted area crew only
HH



6388
Notice unauthorized persons not allowed
AT, JJ



6943
No smoking with symbol
AT

ANNEX V OF MARPOL 73/78 PROHIBITS THE DISCHARGE OF PLASTIC FROM ANY VESSEL ANYWHERE IN THE MARINE ENVIRONMENT

PLASTIC INCLUDES BUT IS NOT LIMITED TO: Plastic bags, styrofoam, styrofoam (popcorn) packing materials, six pack holders, bottles, caps, lids, styrofoam cups and lids, plastic strapping bands, sheeting, fishing nets, buckets, hard hats, vegetable sacks, milk jugs, egg cartons, gloves, rope, shoes, sneakers, flashlights, straws, stirrers, syringes, lighters, and shrink wrap or materials which contain only small portions of plastics like plastic lined paper cups.

VIOLATIONS: Under 33 CFR 151.59(d)(6): "A person who violates (these) requirements is liable for a civil penalty for each violation, and the criminal penalties of a class D felony."

<p>SPECIAL AREAS: On October 1, 1988, the Baltic Sea became a "Special Area". In a "special area" only food waste can be discharged from a vessel beyond 12 miles from shore.</p> <p>DEFINITIONS: "GREYWATER" means drainage from dishwashers, showers, laundry, bath, and washbasin drains and does not include drainage from toilets, urinals, hospitals, and cargo spaces. "Dishwater" means the liquid residue from the manual or automatic washing of dishes and cooking utensils, which have been pre-cleaned to the extent that any food particles adhering to them would not normally interfere with the operation of automatic dishwashers.</p>	<p>Disposal of any garbage except dishwater or greywater.</p> <p><i>[This includes the internal waters of the United States and the Great Lakes.]</i></p>	<p>Food waste, paper rags, glass, metal, bottles, crockery and similar refuse if not comminuted or ground to pieces no larger than one square inch.</p> <p><i>[This excludes plastic materials, garbage that floats and dunnage.]</i></p>	<p>All garbage allowed closer, plus paper, rags, glass, metal, bottles, crockery, and similar refuse without being ground.</p> <p><i>[This excludes plastic materials.]</i></p>	<p>All garbage allowed closer, plus dunnage and garbage that floats.</p> <p><i>[This excludes plastic materials.]</i></p>
--	--	--	--	--

3 Miles 12 Miles 25 Miles

[Additional regional, state & local garbage discharge restrictions may apply.]

Fixed or floating platforms and vessels within 500 feet of these structures may not discharge any garbage except food waste ground to less than one square inch in size, which may be disposed of when more than three miles from land.

DALITE 6386

6386
Discharge of plastic
BD

It is illegal for any vessel to dump plastic trash anywhere in the ocean or navigable waters of the United States. Annex V of the MARPOL TREATY is a new International Law for a cleaner, safer, marine environment. Each violation of these requirements may result in civil penalty up to \$25,000, a fine up to \$50,000, and imprisonment up to 5 years.

U.S. lakes, rivers, bays, sounds, and 3 miles from shore

<p>ILLEGAL TO DUMP: Plastic Paper Rags Glass Food</p>	<p>Garbage: Metal Crockery Dunnage</p>	<p>3 to 12 miles</p> <p>ILLEGAL TO DUMP: Plastic Dunnage (lining & packing materials that float)</p> <p>Also if not ground to less than one inch: Garbage Paper Rags Glass</p>	<p>12 to 25 miles</p> <p>ILLEGAL TO DUMP: Plastic Dunnage (lining & packing materials that float)</p>	<p>Outside 25 miles</p> <p>ILLEGAL TO DUMP: Plastic</p>
--	---	--	---	---

State and local regulations may further restrict the disposal of garbage.

Working together we can all make a difference!

LC1032G
MARPOL trash placard
8x10



**RESTRICTED
AREA AUTHORIZED
PERSONS ONLY**

6953
Restricted area authorized personnel only
TT,SS



**Area Restringida
Solamente Personal
Autorizado**

SP500
Area restringida
SS



**NO SMOKING
NO NAKED LIGHTS**

6918
No smoking no naked lights
CA

DISCHARGE OF OIL PROHIBITED

THE FEDERAL WATER POLLUTION CONTROL ACT PROHIBITS THE DISCHARGE OF OILY OR OILY WASTE INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR THE WATERS OF THE CONTIGUOUS ZONE IF SUCH DISCHARGE CAUSES A FILM OR SHEEN UPON OR DISCOLORATION OF THE SURFACE OF THE WATER OR CAUSES A SLUDGE OR EMULSION BENEATH THE SURFACE OF THE WATER. VIOLATORS ARE SUBJECT TO A PENALTY OF US \$5000.00

6508
Discharge of oil prohibited
BD



6378
Explosive 1
PLACARD



6380
Flammable gas 2
PLACARD



6379
Non-flammable compressed gas 2
PLACARD



6381
Flammable liquid 3
PLACARD



6382
Flammable solid 4
PLACARD



6383
Oxidizer 5.1
PLACARD



6384
Poison 6
PLACARD

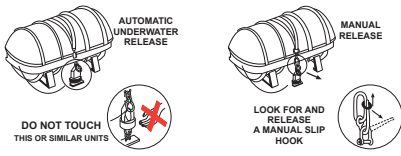


6385
Corrosive 8
PLACARD

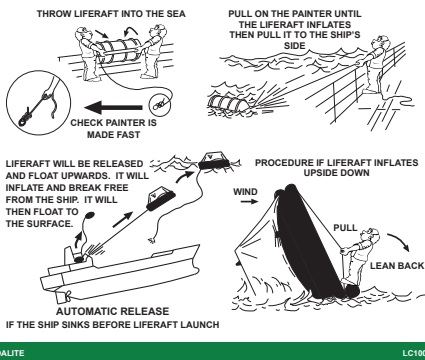


UTILIZING THE LATEST
DIGITAL PRINTING
TECHNOLOGIES!

INFLATABLE LIFERAFT LAUNCHING INSTRUCTIONS



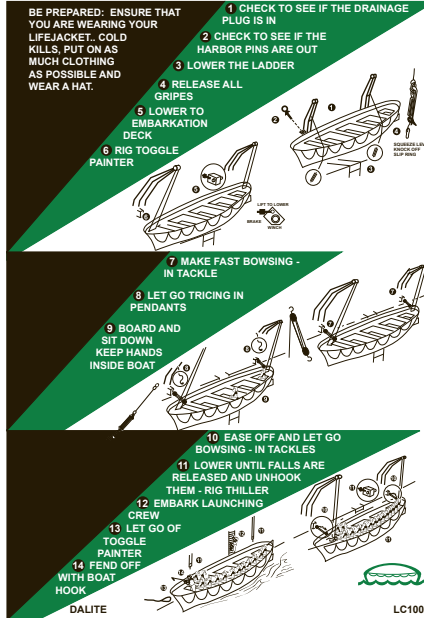
FOR THE CORRECT PROCEDURE AFTER LAUNCHING LIFERAFT SEE POSTER "VITAL ACTIONS AFTER LAUNCHING"
BE PREPARED: ENSURE YOU WEAR YOUR LIFEJACKET
COLD KILLS: PUT ON AS MUCH WARM CLOTHING AS POSSIBLE AND WEAR A HAT
NEVER LAUNCH A LIFERAFT UNTIL YOU ARE READY TO USE IT!



DALITE LC1001

LC1001G
Liferaft launching procedure
11X17

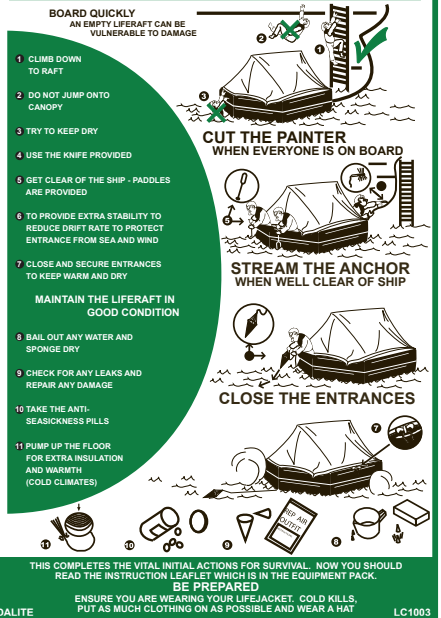
LIFEBOAT LAUNCHING PROCEDURES



DALITE LC1002

LC1002G
Lifeboat launching procedure
11X17

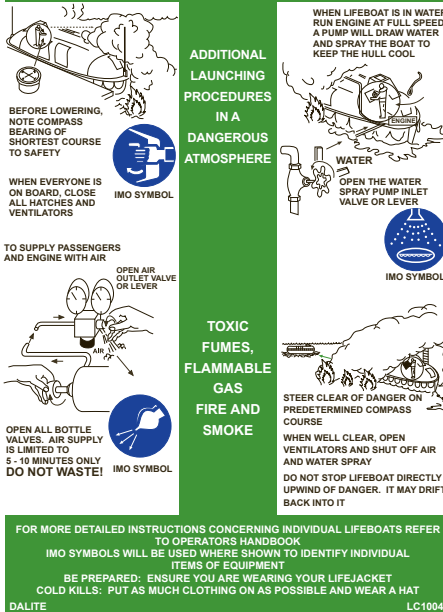
INFLATABLE LIFERAFTS "VITAL ACTIONS" AFTER LAUNCHING



DALITE LC1003

LC1003G
Inflatable liferaft vital actions
11X17

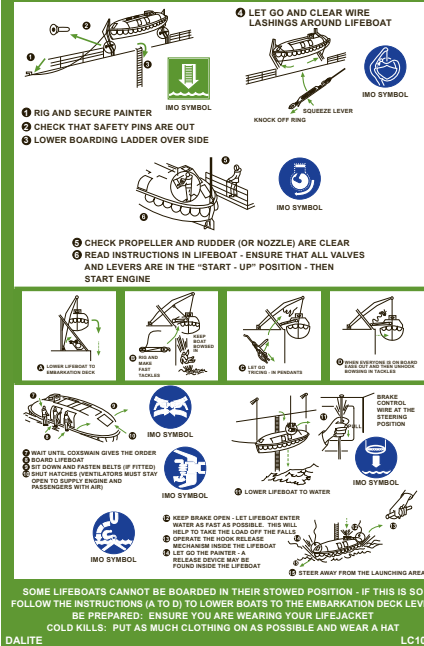
FULLY ENCLOSED LIFEBOATS



DALITE LC1004

LC1004G
Fully enclosed lifeboats launching procedure in dangerous atmosphere
11X17

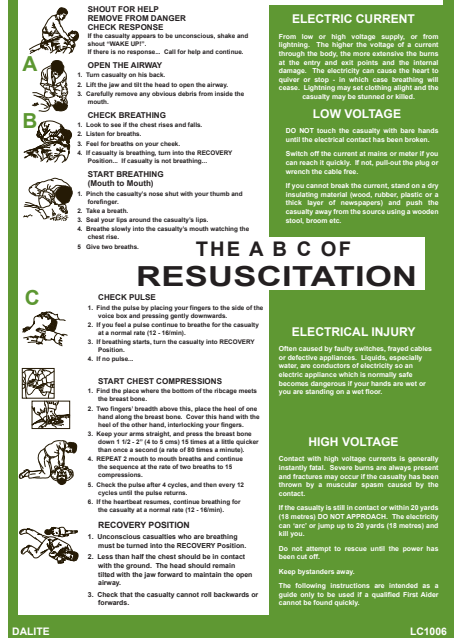
FULLY ENCLOSED LIFEBOATS LAUNCHING PROCEDURES (IN A SAFE ATMOSPHERE)



DALITE LC1005

LC1005G
Fully enclosed lifeboats launching procedure in safe atmosphere
11X17

TREATMENT FOR ELECTRIC SHOCK



DALITE LC1006

LC1006G
Electric Shock resuscitation chart
11X17

PROCEDURES FOR ENTERING ENCLOSED SPACES

BECAUSE OF THE DANGERS THAT EXISTS, ENTRY TO AN ENCLOSED SPACE SHOULD ONLY BE CONSIDERED FOR ESSENTIAL REASONS. THE CORRECT PROCEDURE MUST BE FOLLOWED. IT IS RECOMMENDED THAT A CHECK LIST IS USED TO COMPLETE THE PROCEDURE. ENTRY SHOULD ONLY BE CONSIDERED IN THE CASE OF AN EMERGENCY. BREATHING APPARATUS SHOULD ALWAYS BE USED. SELDOM WILL ANY SPACE REMAIN SAFE. CONSTANT SAFETY CHECKS ARE ESSENTIAL. SOMEONE'S LIFE IS USUALLY AT RISK.

THIS IS A MANDATORY SIGN

VENTILATE THOROUGHLY AND CONTINUOUSLY BEFORE AND DURING OPERATION. PURGE WITH (S), FIRST IF APPLICABLE.

TEST ATMOSPHERE BEFORE AND DURING OPERATION AT VARIOUS LEVELS AND LOCATIONS. OXYGEN 21%, FLAMMABLE GAS AND TOXIC VAPOR, IF APPLICABLE, AS PER COMPANY REGULATIONS.

CHECK LIST AND ENTRY PERMIT MUST BE COMPLETED AND SIGNED BY SENIOR OFFICER OR SHIP'S MASTER.

RESPONSIBLE PERSON STATIONED AT ENTRANCE.

RESCUE EQUIPMENT AT ENTRANCE. BREATHING APPARATUS TESTED. RESCUE GEAR, RESUSCITATORS.

ACCESS ADEQUATE. LADDERS AND SAFETY RAILS IN GOOD CONDITION.

ILLUMINATION ADEQUATE AND INTRINSICALLY SAFE.

CLEAN CARGO TANKS AND LINES TO REMOVE AS MUCH OIL, SEDIMENT AND SLUDGE AS POSSIBLE.

MEANS OF COMMUNICATION BETWEEN PERSON AT ENTRANCE AND THOSE ENTERING SHOULD BE TESTED AND IN GOOD ORDER, RESCUE PROCEDURE UNDERSTOOD.

PERIOD OF VALIDITY SHOWN ON ENTRY PERMIT SHOULD NOT BE EXCEEDED, AND OTHER PERMIT MUST BE AUTHORIZED.

TOOLS MUST BE AT ENTRANCE AND CORRECT FOR INTERIOR JOB.

SAFETY CLOTHING MUST BE WORN. HAND KITS, BOOTS, GLOVES, HARNESS, PROTECTIVE CLOTHES.

ADJACENT SPACES MAY BE AT HAZARD. ALWAYS ENTER IN A SAFE COMPARTMENT. SUCH SPACES MUST ALSO BE RECORDED SAFE THROUGHOUT THE OPERATION.

NO HOT WORK. THE ABOVE PROCEDURES MUST BE OBSERVED. THE WORKING AREA MUST BE CLEARLY MARKED. ALL PERSONS MUST BE ADVISED OF THE HAZARD AND THE DANGERS OF THE OPERATION.

DANGER LOW OXYGEN LEVEL
DANGER CAN KILL YOU VERY QUICKLY WITH LITTLE OR NO WARNING. BATTERY TANKS AND SOME CARGOES ABSORB OXYGEN FROM THE AIR.

DANGER TOXIC VAPORS
SOME CARGOES IN ALL TRADES MAY RELEASE PERSISTENT VAPORS INTO THE AIR. YOU MAY NOT SEE OR SMELL IT. A SLOWLY FEELING FOLLOWED BY BLACK OUTS AND DEATH IS GUARANTEED CONSEQUENCE.

DANGER FLAMMABLE AT ROOMPERATURE

NO SMOKING NO NAKED LIGHTS

NO ENTRY TO UNAUTHORIZED PERSONNEL

ALL THREE DANGERS MAY EXIST IN ONE SPACE

THE RISK OF EXPLOSION IS OF VITAL IMPORTANCE BUT REMEMBER EVEN SMALL POCKETS OF GAS DISPLACE THE AIR YOU NEED. SUFFOCATION AND BLACK OUTS ARE RAPID WITH NO CHANCE FOR ESCAPE!

EXAMPLES:
REFRIGERATOR PLANT ROOMS, FRESH WATER TANKS, BILGE SPACES, BALLAST TANKS, COFFERDAMS, FUEL TANKS, CARGO TANKS, PUMP ROOMS, DUCT KEELS, DRY CARGO SPACES, TRUNKWAYS, AND PAINT STORES.

PROCEDURES FOR ENTERING ENCLOSED SPACES MUST BE CARRIED OUT BEFORE ENTRY IS PERMITTED. SEE POSTER "PROCEDURES FOR ENTERING ENCLOSED SPACES" WHEN IN DOUBT CHECK WITH SOMEONE IN AUTHORITY.

DON'T TAKE RISKS!

DALITE LC1007G

LC1007G
Procedures for entering enclosed spaces
11X17

SAFETY SIGNS FOR ENCLOSED SPACES

SOME ENCLOSED SPACES ON THIS SHIP MAY CONTAIN A DANGEROUS ATMOSPHERE THAT WILL NOT SUPPORT LIFE. THESE SPACES WILL BE MARKED AT ALL ENTRANCES WITH THE SAFETY SIGNS DISPLAYED BELOW.

Do Not Ignore Them

DANGER LOW OXYGEN LEVEL
DANGER CAN KILL YOU VERY QUICKLY WITH LITTLE OR NO WARNING. BATTERY TANKS AND SOME CARGOES ABSORB OXYGEN FROM THE AIR.

DANGER TOXIC VAPORS
SOME CARGOES IN ALL TRADES MAY RELEASE PERSISTENT VAPORS INTO THE AIR. YOU MAY NOT SEE OR SMELL IT. A SLOWLY FEELING FOLLOWED BY BLACK OUTS AND DEATH IS GUARANTEED CONSEQUENCE.

DANGER FLAMMABLE AT ROOMTEMPERATURE

NO SMOKING NO NAKED LIGHTS

NO ENTRY TO UNAUTHORIZED PERSONNEL

ALL THREE DANGERS MAY EXIST IN ONE SPACE

THE RISK OF EXPLOSION IS OF VITAL IMPORTANCE BUT REMEMBER EVEN SMALL POCKETS OF GAS DISPLACE THE AIR YOU NEED. SUFFOCATION AND BLACK OUTS ARE RAPID WITH NO CHANCE FOR ESCAPE!

EXAMPLES:
REFRIGERATOR PLANT ROOMS, FRESH WATER TANKS, BILGE SPACES, BALLAST TANKS, COFFERDAMS, FUEL TANKS, CARGO TANKS, PUMP ROOMS, DUCT KEELS, DRY CARGO SPACES, TRUNKWAYS, AND PAINT STORES.

PROCEDURES FOR ENTERING ENCLOSED SPACES MUST BE CARRIED OUT BEFORE ENTRY IS PERMITTED. SEE POSTER "PROCEDURES FOR ENTERING ENCLOSED SPACES" WHEN IN DOUBT CHECK WITH SOMEONE IN AUTHORITY.

DON'T TAKE RISKS!

DALITE LC1008G

LC1008G
Safety signs for enclosed spaces
11X17

PREVENT OIL POLLUTION

THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL 73/78) AIMS TO ACHIEVE THE COMPLETE ELIMINATION OF INTERNATIONAL POLLUTION OF THE MARINE ENVIRONMENT BY OIL AND OTHER HARMFUL SUBSTANCES. STRICT REGULATIONS ARE NOW IN FORCE. BY FOLLOWING THE REGULATIONS AND OBSERVING THE COMMON SENSE WORKING PRACTICES LISTED HERE DAMAGE TO THE ENVIRONMENT WILL BE GREATLY REDUCED. REMEMBER HEAVY FINES AND CIVIL PENALTIES CAN BE IMPOSED IF THE REGULATIONS ARE IGNORED!

1 **2**

KNOW YOUR SHIP. ENSURE YOU KNOW LOCATIONS OF OVERFLOW AND SOUNDING PIPES. CHECK THAT THEY ARE CLEARLY MARKED, PARTICULARLY AFTER PAINTING OR REPAIRS. REMEMBER THAT AN "AIR BUBBLE" CAN FORCE OIL OUT OF A GOOSE-NECK VENTILATOR.

PLUG THE CUPPERS WHEN BUNKERING, LOADING OR DISCHARGING OIL. IF THERE IS HEAVY RAIN OPEN ONE SCUPPER TO DRAIN OFF THE WATER AND REPEAT AS NECESSARY.

3 **4** **5**

DO NOT USE UNTESTED EQUIPMENT IT MAY RIPTURE OR BREAK. CARGO AND BUNKER HOSES SHOULD ALWAYS BE HANDLED WITH CARE AND STORED WITHOUT BENDS THAT MAY LEAD TO FRACTURES IN THE PIPES.

USE DRIP TRAYS. WHEN HOSE CONNECTIONS ARE BEING MADE OR BROKEN, DRIP TRAYS SHOULD BE USED TO CATCH THE SPILLAGE. PLUG THE ENDS OF HOSES IF IT IS NOT POSSIBLE TO DRAIN THEM.

SIGNALS: AGREE A CLEAR SET OF SIGNALS BETWEEN THE LOADING/UNLOADING PEOPLE AND THE SHIP. KEEP A WATCH ON PIPELINES AND FLANGES. KEEP A FREQUENT CHECK OVER THE SIDE OF THE SHIP FOR TRACES OF OIL IN THE WATER.

6 **7** **8**

VALVES: MAKE SURE YOU OPEN THE CORRECT VALVE. DOUBLE CHECK WHEN CLOSING. TIGHTLY CLOSE IT TIGHT AND CHECK THE VALVE POSITION INDICATOR. USE A COLOUR CODE AND PAINT VALVES ACCORDINGLY.

REDUCE RUNNING RATE IN GOOD TIME. SLOW DOWN THE RATE OF OIL BEING PUMPED AND POP OFF TANKS WITH EXTREME CAUTION. KEEP A CAREFUL WATCH ON VENTILATORS AND OVERFLOW POINTS.

CLEAN UP SMALL QUANTITIES OF OIL IMMEDIATELY. HAVE SAWDUST AND EQUIPMENT NEAR TO HAND. TRY TO KEEP THE OIL CONTAINED. DON'T LET IT SPILL INTO THE WATER. BE PREPARED FOR LARGE SPILLS BY WORKING OUT A SYSTEM.

DALITE LC1009G

LC1009G
Prevent oil pollution
8.5X12

DON'T THROW GARBAGE OVERBOARD

IT'S ILLEGAL!

WITHIN 3 MILES OF THE NEAREST LAND & IN ALL INLAND WATERS

YOU CANNOT THROW ANYTHING AT ALL OVERBOARD

WITHIN 3 - 12 MILES OFFSHORE

YOU CANNOT THROW OVERBOARD PLASTIC, DUNNAGE LINING, & PACKING MATERIALS THAT FLOAT. ALSO THE FOLLOWING IF NOT GROUND TO LESS THAN ONE INCH(25MM): PAPER, CROCKERY, RAGS, METAL, GLASS, FOOD

WITHIN 12 - 25 MILES OFFSHORE

YOU CANNOT THROW OVERBOARD PLASTIC, DUNNAGE LINING, AND PACKING MATERIALS THAT FLOAT

OUTSIDE 25 MILES OFFSHORE

YOU CANNOT THROW PLASTIC OVERBOARD

POLLUTION REGULATIONS

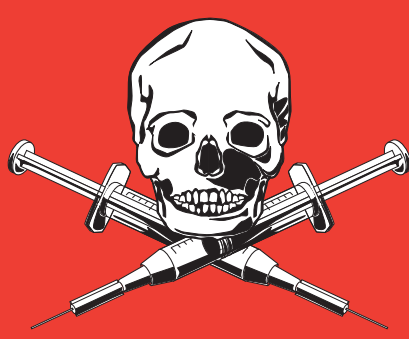
Annex V of the MARPOL TREATY is an International Law providing for a cleaner, safer marine environment. Under this law it is illegal for ANY vessel to dump PLASTIC GARBAGE ANYWHERE in the ocean or in navigable waters. Violation of these requirements may result in a civil penalty of up to \$25,000, a fine of up to \$50,000 and imprisonment of up to 5 years.

NOTE: The Mediterranean, Baltic, Black, and Red Seas, and the Persian Gulf are defined as special areas by Annex V. In these areas it is illegal to discharge ANY GARBAGE, except that food waste may be discharged beyond 12 miles offshore. Also, regional, state, and local regulations may further restrict the disposal of garbage.

DALITE LC1010G

LC1010G
Garbage poster
8.5X12

DRUG WARNING NOTICE



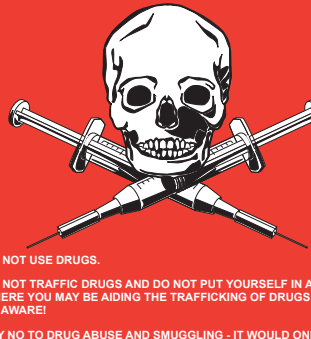
THE OWNERS OF THIS VESSEL WILL COOPERATE FULLY WITH PUBLIC AUTHORITIES IN THE CRIMINAL PROSECUTION OF ANYONE USING OR POSSESSING ILLEGAL DRUGS OR DRUG PARAPHERNALIA ABOARD THIS VESSEL

YOU HAVE BEEN WARNED!

DALITE LC1011G

LC1011G
Drug warning notice
8.5X12

DRUG WARNING NOTICE



- DO NOT USE DRUGS.
- DO NOT TRAFFIC DRUGS AND DO NOT PUT YOURSELF IN A POSITION WHERE YOU MAY BE AIDING THE TRAFFICKING OF DRUGS - ALWAYS BE AWARE!
- SAY NO TO DRUG ABUSE AND SMUGGLING - IT WOULD ONLY BRING DISASTER TO YOU AND YOUR FAMILY.
- IF YOU ARE CHARGED WITH THE HANDLING OR SMUGGLING OF DRUGS, YOU WILL BE RESPONSIBLE FOR YOUR OWN DEFENSE COSTS.
- IF YOU ARE FOUND GUILTY OF THE HANDLING OR SMUGGLING OF DRUGS, THE COMPANY WILL HAVE NO FURTHER RESPONSIBILITY TOWARDS YOU - YOUR CONTRACT OF EMPLOYMENT WILL BE TERMINATED IMMEDIATELY.
- THE KNOWLEDGE OF SMUGGLING OR HANDLING OF DRUGS BY OTHERS AROUND YOU MAY BE DEEMED AS AIDING AND ABETTING BY THE AUTHORITIES - THIS CAN BE AS SEVERELY PUNISHABLE AS THE SMUGGLING ITSELF.

YOU HAVE BEEN WARNED!

DALITE LC1012G

LC1012G
Drug use & trafficking notice
8.5X12

DRUGS & ALCOHOL WARNING NOTICE



THE USE OR POSSESSION OF DRUGS, ALCOHOL OR ANY ILLEGAL SUBSTANCE IS STRICTLY FORBIDDEN ON BOARD THIS VESSEL.

THE OWNERS OF THIS VESSEL WILL COOPERATE FULLY WITH THE COAST GUARD, POLICE, OR OTHER PUBLIC AUTHORITIES IN THE PROSECUTION OF ANY PERSON USING, POSSESSING, OR BEING UNDER THE INFLUENCE OF DRUGS, ALCOHOL OR ILLEGAL SUBSTANCES ON BOARD.

YOU HAVE BEEN WARNED!

DALITE

LC1013

LC1013G

Drug & alcohol warning notice
8.5X12

SELF CONTAINED BREATHING APPARATUS

Safety procedures for using apparatus in hazardous conditions

Where recharging facilities are not available, empty and low charged cylinders should be labelled and stored elsewhere. Check all certificates are valid. Read and learn the makers instructions.

- Check weekly and before using**
 - Straps on face mask, air hose.
 - Check air in all cylinders on the belt and in spare cylinders.
 - Remove any
 - Ensure correct operation of air pressure gauges.
 - Check low pressure warning whistle.
- Donning the breathing apparatus**
 - Put the set on in clean air conditions.
 - Place the arms through shoulder straps.
 - Position cylinder high on back.
 - Adjust shoulder straps.
 - Tighten the waist belt and chest strap if fitted.
- Adjusting and checking the functions**
 - Place face in mask, chin first.
 - Tighten straps, bottom to top.
 - Test air tightness of mask, air supply and warning whistle, following makers instructions.
 - Fully open air supply and
- Preparing to enter compartment**
 - Clip on Whistle/gauche.
 - Check and remember
 - Collect fire fighting or other tools and equipment.
 - Breathing apparatus should always work in pairs.
- Start operation**
 - Wear a mask of each B.A. wearer on caution board.
 - Ensure first aid and secondary rescue team are
- After operational use**
 - De-contaminate.
 - Check all parts for damage and cleanliness.
 - Remove used cylinders and recharge with clean air.
 - Check and clean face mask, following manufacturers instructions. DO NOT hose clean.
 - Hang up the apparatus as instructed by the manufacturer.
 - Make sure safety
 - Equipment must be kept ready for immediate use.

DALITE

LC1014

LC1014G

Breathing apparatus poster
11X17

Post Oil Spill Actions

Recommended procedures to minimize the effect of an oil spill

The International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) aims to achieve the complete elimination of intentional pollution of the marine environment by oil and other harmful substances. Best Practices are now in force. By following the Regulations and observing the common sense working practices listed here, damage to the environment will be greatly reduced. REMEMBER HEAVY FINES AND CIVIL PENALTIES CAN BE IMPOSED IF THE REGULATIONS ARE IGNORED.

Warning:

- On discovering shipboard spill**

ACT QUICKLY

 - Stop pumping.
 - Immediately notify the Officer of the Watch.
 - Ensure scuppers are plugged.
 - In hazardous situations, ready fire prevention and extinguishing equipment.
 - Notify appropriate authorities as necessary.
 - Refer to SOPEP Procedures for spilled oil.
- Deck containment**
 - Wear protective clothing.
 - Prevent oil flow forward at all costs.
 - Make ready and where possible commence clean-up operations using available shipboard equipment and materials.
 - Clean-up residue and materials must be carefully stowed prior to disposal.
- On discovering external spill**

ACT QUICKLY

 - Locate source of leakage.
 - Check and record tank soundings.
 - Observe movement of spilled oil.
 - Respond promptly to all commands from Officer in Charge.
 - Refer to SOPEP Procedures for spilled oil.
 - Notify appropriate authorities - refer to SOPEP Procedures for relevant
- Ship actions for external spill**
 - Close necessary sea water intakes.
 - Transfer oil from affected tanks.
 - Maneuver upwind or away from land.
 - Assess damage.
 - Log oil spill movement.

DALITE

LC1017

LC1017G

Post oil spill actions
11X17

Abandon Ship

Vital actions preparing to abandon ship

- On hearing the emergency signal**
 - Put on warm clothing, immersion suits and lifejackets.
 - Go to your muster/assembly station.
- Preparation of survival craft**

Detailed crew prepare lifeboats and liferafts.

 - Collect lifejackets, SART and portable radios.
- Boarding from deck**

DO NOT ABANDON SHIP UNTIL ORDERED TO DO SO

Detailed crew will instruct personnel on embarkation procedures and launch survival craft.
- Boarding from water**

DO NOT JUMP INTO THE WATER UNLESS ABSOLUTELY NECESSARY

Board the survival craft using ropes and fire hoses when normal access is unavailable.

If you do have to jump into the water then ensure the following: Lifejacket is securely fastened and area below is checked for obstructions. Arms are crossed over chest and nose is pinched. Feet are kept together.

Then: Look straight ahead and jump feet first with legs together and toes pointing down. Make for the nearest survival craft.

DO NOT stay in the water longer than necessary. If no survival craft is close, keep clear of the ship and let the lifejacket support you. Use the light and whistle to attract attention. DO NOT swim aimlessly about, try and join up with others.

DO NOT jump into survival craft

DALITE

LC1018

LC1018G

Abandon ship
11X17

Accommodation Ladders

Safe rigging and use of accommodation ladders

- General Safety**
 - Ensure all ladders are clearly marked with the following information:
 - MANUFACTURER: -XXXX
 - MODEL NO. -XXXX
 - ANGLE OF INCLINATION TO LEVEL: -XXX
 - SWL: -XXXX
 - MAX. NO. OF PERSONS: -XX
 - Ensure the manufacturers instructions and safety notes are available on board and consult the ships safety manual for procedures.
 - If point of access is above deck level, a safety secured bulkhead ladder must be provided and fenced to a height of 1.1 meters.
 - All equipment must be maintained, tested and inspected in accordance with the manufacturers instructions at appropriate intervals by a competent person.
 - No equipment should be painted in such a way as to conceal cracks or defects.
 - Bushes and joints of neoprene or other insulating material must be used between steel and aluminum parts.
 - Repairs to alloy ladders using steel, brass or other dissimilar metals should be considered temporary. Permanent repairs or replacements must be undertaken at earliest opportunity.
- Rigging**
 - Ladders must be kept within their design limits for reach, load, angle, fixing and suspension.
 - Ladders must be checked by a responsible person after rigging.
 - Frequent checks for adjustment due to tide or trim of vessel must be made.
 - Guard ropes and chains must be taut at all times with stanchions rigidly secured.
 - Ensure ladders are set to correct angle, no greater than 35 from the horizontal, unless designed for a larger angle.
 - Where there is a risk of personnel falling, suitable safety nets must be securely rigged.
 - A lifebuoy with light and gong with buoyant safety line must be provided ready for use at the point of access aboard the vessel.
 - In the event of the ladder being able to swing away from the ship's side, a suitable means of securing should be used.
- Access**
 - The ladder and approaches must be illuminated to a minimum of 20 lux, measured at a height of 1 meter above the surfaces. Under adverse conditions, illumination should be increased to a minimum of 30 lux.
 - Approaches must be kept clear of obstructions, slip or trip hazards and suspended loads. Where this is not practical, appropriate warning notices must be posted. Where conditions dictate, access must be supervised at all times.
 - Defects affecting the safety of access, including facilities provided by shore authorities, must be reported immediately and made good before use.
 - Where ladders are rigged over water, access using approved boats must be supervised at all times.

DALITE

LC1019

LC1019G

Accommodation Ladders
11X17

Davit Launched Liferafts

Procedures for davit launching inflatable liferafts

- Prepare launch area**
 - Remove handrail once outward.
 - Unlash and maneuver launch area.
 - Locate and expose lifting appliance.
- Prepare canister**
 - Secure canister once outward.
 - Secure bowing lines.
 - Attach hook to raft shackles.
 - Pull out approximately 3 meters of painter.
 - Ensure all lines are free of tangles and correctly positioned to avoid snagging.
- Raise raft and turn out davit to preset position**
 - Ensure hook and brake lanyards are inboard.
 - Secure end of painter.
 - Pull out full length of painter, then give a sharp tug to raise liferaft.
- Lower liferaft**
 - Check hoist handle is removed from davit.
 - Release bowing lines and pass to clear.
 - Check launch area is clear.
 - Lower raft using brake release.
- Embarkation procedure**
 - Tighten bowing lines and secure raft.
 - Raft person boards first to check raft, having collected EPIRB and SART.
 - Survivors in lifejackets board ensuring weight is evenly distributed.
 - Ensure hook and brake lanyards are near raft entrance.
 - Deploy canister overboard and ensure a snug.
 - Move canister away from launch area. Do not
- Release liferaft**
 - Operate brake release throughout descent.
 - Operate hook release 1 meter above water.
 - Allow raft to impact freely and hook will disengage automatically.
 - Out painter and clear immediately to allow further launches.

Small details of operation may vary between different manufacturers. Refer to ships safety manual wherever possible.

DALITE

LC1021

LC1021G

Davit launched liferafts
11X17

IMO Safety Signs

IMO safety signs and their various meanings

DALITE An ISM Code Safety Poster LC1022

LC1022G
IMO safety signs
11X17

Bunkering

Safety procedures before, during and after bunkering

Before Bunkering

Actions:

- Establish communications between ship and bunkering station/barge.
- Rig fire fighting equipment.
- Position drip trays and save all.
- Plug scuppers.
- Post "No Smoking" and "No Naked Light" signs.
- Close scuttles, windows and air conditioning intakes.
- Tie off hose to prevent strain on end fitting.

Check:

- Vessel and barge are moored securely.
- Safe access between ship and bunker barge.
- The deck watch is fully briefed.
- Emergency shut down procedure is discussed and agreed.
- Torches, radios and all other electrical equipment is suitable for hazardous area operation.
- Suitable protective clothing is available and being used.
- All personnel involved in the operation are aware of designated escape routes.
- Sufficient personnel are retained on board to deal with an emergency.
- Bunkering area is adequately lit.

During Bunkering

Actions:

- Take periodic witnessed oil samples.
- Reduce loading rate before topping off.
- Close valves as each tank is loaded.
- Notify bunker station/barge when final tank is being filled.
- Allow sufficient oilage to drain hoses and lines.

Check:

- Supply line pressure and temperature.
- Tank levels, and that adjacent tanks are not being filled.
- Loading rate.
- Bunker tank vent systems.

After Bunkering

Actions:

- Close and blank off manifold.
- Blank off hose before lifting it over the side.
- Unplug scuppers and open drains.
- Mop up any drips and minor spills.
- Send bunker samples for analysis.

Check:

- All fill valves are closed.
- All lines and hoses have been drained and blanked.
- All bunker tank vents, including tubes etc., are secured.
- All areas are free from oil and all equipment is stowed correctly.

DALITE An ISM Code Safety Poster LC1020

LC1020G
Bunkering
11X17

Man Overboard

Vital action on discovery of a man overboard

- Immediate actions - Deck**
 - Throw nearest lifebuoy towards casualty
 - Notify bridge/raise the alarm
 - Summon assistance
 - Keep casualty in sight
 - Advise action party of situation
- Immediate actions - Bridge**
 - Helm hard over to casualty side
 - Stop main engine
 - Sound man overboard alarm (three long blasts on ships siren)
 - Advise action party of situation
 - Release bridge wing lifebuoy, check for light and/or smoke
 - Inform galley
- Initial response - at sea**
 - Commence ships turn
 - Post extra look-outs with binoculars
 - Ready and launch rescue boat when casualty visible
 - Rig ladders and scramble nets
 - Prepare first aid station, equip for resuscitation
- Initial response - at anchor or in harbor**
 - If close to ship side, use lifebuoy and line, otherwise throw lifebuoy
 - Muster rescue boat
 - Inform shore side Authorities
 - Post extra look-outs
 - Rig ladders and scramble nets
 - Prepare first aid station, equip for resuscitation
- Secondary response if casualty not located**
 - Increase look-outs
 - Commence search pattern
 - Advise nearest RCC and other ships in the area
 - Maintain log, reporting situation as it develops

DALITE LC1024

LC1024G
Man overboard
11X17

Light, Shape & Sound Signals

International communication signals

Rule & Vessel	Port	Starboard	Ahead	Shape	Special Circumstances
Rule 20 Power-Driven Vessels underway	Red over Green	Green over Red	White	None	Making way
Rule 21 Sailing Vessels	Red over Blue	Blue over Red	White	None	Underway
Rule 22 Fishing Vessels	Red over Blue	Blue over Red	White	None	Underway
Rule 23 Power-Driven Vessels underway in narrow channels	Red over Green	Green over Red	White	None	Making way
Rule 24 Towing and other situations	Red over Green over White	Green over Red over White	White	None	Making way

DALITE LC1023

LC1023G
Light, shape & sound signals
11X17

LIFEJACKET DONNING INSTRUCTIONS

CHILDREN:
CHILDRENS LIFEJACKETS WILL BE ISSUED BY CABIN STAFF. PUT LIFEJACKET ON YOUR CHILD AND SECURE FOLLOWING ALL THE 4 STEPS ABOVE.

DALITE LC1033

LC1033G
Lifejacket donning instructions
11X17

Donning Instruction For Immersion Suit

- Remove suit from bag
- Put on suit with legs first
- Place arms into suit and put head over head
- Put the zipper up and secure flap over your face
- Put on lifejacket
- Enter the water with feet first

DALITE LC1037

LC1037G
Immersion Suit Donning Instruction

REQUIRED BOARDING ARRANGEMENTS FOR PILOT

In accordance with I.M.O. requirements and I.M.P.A. recommendations



RIGGING FOR FREEBOARDS OF 9 METERS OR LESS

HANDHOLD STANCHIONS
Min. Dia. 32mm
120 cm above bulwark
min. 70cm
max. 85cm
apart

MAN-ROPES
without knots
min. dia. 28mm
IF REQUIRED
BY PILOT

Always flat
side of ship

SIDERS ROPES
Min. dia. 18mm

STEPS
Must rest against
ship's side

SPREADER
Min. 180cm long

Max. 8 steps between
spreaders

Min. 40cm
50-58cm

5th step must
be a spreader

Height required
by pilot

SHIPS WITH HIGH FREEBOARD (MORE THAN 9M)
When no side door available

PILOT LADDER
Must extend at
least 2 meters
above lower
platform

Officer in contact
with bridge

ACCOMMODATION LADDER
Should rest firmly against ship's side
Should lead aft
Max. 65° slope
Lower platform horizontal
Rigid handrails preferred

**A PILOT LADDER COMBINED
WITH AN ACCOMMODATION
LADDER** is usually the safer
method of embarking or
disembarking a pilot on ships
with a freeboard of more than 9
meters

0.5m
2m
2m

Recommended
9 meter mark

Stern → Bow

2m
2m
of platform and height of rails

MECHANICAL PILOT HOIST

Davit

Two man-ropes
ready for
immediate use.
Min. dia. 28mm

Guard ring

Rigid part

Flexible part

A pilot hoist made and rigged in accordance with SOLAS Chapter V together with a pilot ladder, rigged alongside for immediate transfer, may be used subject to agreement between the Master and the Pilot. It should be noted that the distance between the nearest side ropes of the pilot hoist and pilot ladder will be at least 1.4 meters.

NO!

No shackles
No knots
No splices

NO!
The steps must
be equally spaced

NO!
The steps must
be horizontal

NO!
Spreaders must not be
lashed between steps

NO!
The side ropes must
be equally spaced

NO!
The loops are a
tripping hazard for the
pilot and can become
foul of the pilot launch

NO!
Very dangerous
ladder too long

Two handhold stanchions rigidly
secured to ship's structure

Liboury with
self-igniting light

Bulwark ladder secured to ship

NO OBSTRUCTIONS

Responsible
Officer

AT NIGHT
Pilot ladder and ship's
deck lit by forward shining
overside light

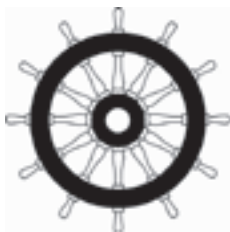
DALITE LC1025

LC1025G

Pilot boarding arrangement

11X17

PROUD AFFILIATE OF THESE
MARITIME ASSOCIATIONS



Wheelmark
MED



BUREAU
VERITAS



LOW LEVEL LIGHTING

LLL Tapes

Datrex offers two high performance LLL grades. Both tapes come with high tack adhesive backing and can be installed on almost any surface. They contain the highest grade Strontium Aluminate Photoluminescent material.



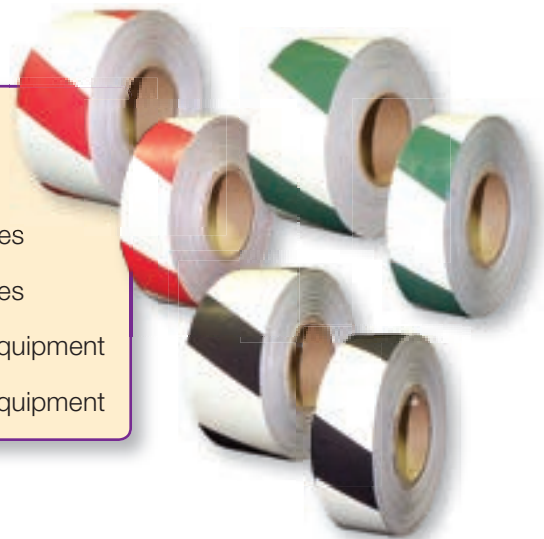
- Flexible Low Location Lighting DALITE™ 5670: Datrex Standard material in our flexible Low Location Lighting tapes. It is a laminated film with a permanent, acrylic, pressure-sensitive high tack adhesive, backed by a poly-coated release liner. Can be slit to any width. Luminance performance: in excess of 146.0 mcd/m² @ 10 min. and 22.7 mcd/m² at 60 min. when tested in accordance with DIN 67510-1.
- Flexible Low Location Lighting DALITE™ 5680: Datrex Super material in our flexible Low Location Lighting tapes. It is a laminated film with a permanent acrylic, pressure-sensitive high tack adhesive, backed by a poly-coated release liner. Can be slit to any width. Luminance performance: in excess of 181.0 mcd/m² @ 10 min. and 27.7 mcd/m² at 60 min. when tested in accordance with DIN 67510-1"

LLL and Tapes

- | | |
|--------------------|-----------------------------|
| • 5670HT-02-SF-G | Dalite High 2"x150', blank |
| • 5680HT-02-SF-G | Dalite Super 2"x150', blank |
| • 5670HT-03-SF-G | Dalite High 3"x150', blank |
| • 5680HT-03-SF-G | Dalite Super 3"x150', blank |
| • 5670HT-0230-SF-G | Dalite High 2"x30', blank |
| • 5680HT-0230-SF-G | Dalite Super 2"x30', blank |
| • 5670HT-0330-SF-G | Dalite High 3"x30', blank |
| • 5680HT-0330-SF-G | Dalite Super 3"x30', blank |

Diagonal Tape

- 5501-GRN-02-G Green diagonal tape 2"x150', marking safe areas
- 5501-GRN-03-G Green diagonal tape 3"x150', marking safe areas
- 5501-BLK-02-G Black diagonal tape 2"x150', marking danger zones
- 5501-BLK-03-G Black diagonal tape 3"x150', marking danger zones
- 5501-RED-02-G Red diagonal tape 2"x150', marking fire fighting equipment
- 5501-RED-03-G Red diagonal tape 3"x150', marking fire fighting equipment



Tapes with arrows

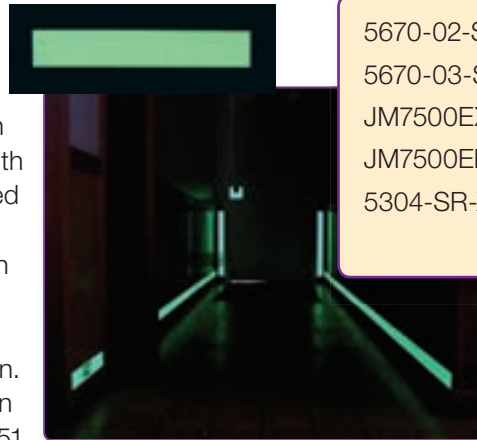
Arrow printed on 2" or 3" clear vinyl every 3 feet.

- 5670HT-02-SF-G/6050-BI-SF-G Dalite High 2"x150', with 50 arrows
- 5680HT-02-SF-G/6050-BI-SF-G Dalite Super 2"x150', with 50 arrows
- 5670HT-03-SF-G/6050-BS-SF-G Dalite High 3"x150', with 50 arrows
- 5680HT-03-SF-G/6050-BS-SF-G Dalite Super 3"x150', with 50 arrows
- 5670HT-0230-SF-G/6050-BI-SF-G Dalite High 2"x30', with 10 arrows
- 5680HT-0230-SF-G/6050-BI-SF-G Dalite Super 2"x30', with 10 arrows
- 5670HT-0330-SF-G/6050-BI-SF-G Dalite High 3"x30', with 10 arrows
- 5680HT-0330-SF-G/6050-BI-SF-G Dalite Super 3"x30', with 10 arrows



Rigid LLL

Rigid Low Location Lighting
DALITE™ 5670: Standard Rigid material in our Rigid Low Location Lighting strips. Laminated PVC with a photoluminescent layer protected by a tough gloss. Thickness 1.72 mm. Install either by sliding into an extrusion or using double sided tape. Luminance performance: in excess of 146.0 mcd/m² @ 10 min. and 22.7 mcd/m² @ 60 min. when tested in accordance with DIN 6751.

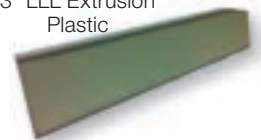


- 5670-02-SR-E 2"x1 meter rigid strip
- 5670-03-SR-E 3"x1 meter rigid strip
- JM7500EXT2X8M 2"x8 ft aluminum extrusion
- JM7500ENDCAP10M 2" end caps 10 pack
- 5304-SR-X-G 3"x1 meter plastic extrusion (no end caps needed)

2" LLL Extrusion Aluminum



3" LLL Extrusion Plastic



LLL Signs

Printed on transparent clear vinyl, available in sizes BI 2X2, BS 3X3, AR 3x8, CA 2x8



6050
Direction indicator
straight arrow
BI,BS



6019
Direction indicator
straight diagonal
BI,BS



6259
Exit right
AR,CA



6259L
Exit left
AR,CA



SP391
Dead end
AR,CA



6192
Stairs
AR,CA



6193
Stairs
AR,CA



6260
Man running right
BI,BS



6261
Man running left
BI,BS



6330
Exit left vertical
AR,CA



6331
Exit right vertical
AR,CA

DATFLEX RETRO-REFLECTIVE TAPE

A custom application of microprismatic technology, this tape is the most optically efficient way of assuring long distance visibility critical for identification at sea. Datrex Retro Reflective tapes have the highest brightness on the market. The higher reflectivity results in identification at far greater distances, a benefit vital in search and rescue situations. This highly reflective marine tape conspicuity utilizes a unique single layer construction as opposed to the less efficient dual layer construction. The single layer construction eliminates the air interface that can be easily damaged or abraded resulting in eliminated reflectivity performance when wet. This single layer construction will not break down providing an extended service life with limited or no cracking.



DX1020M Retro-reflective tape 2"x150', with adhesive backing USCG/SOLAS

DX1040M Retro-reflective tape 4"x150', with adhesive backing USCG/SOLAS

Sew on material quoted on request

- Indoor / outdoor retroreflective TAPE for life saving appliances such as life boats, life rafts, lifejackets, and life rings.
- DATFLEX Reflective Tapes are designed to enhance visibility in nighttime or low light condition.
- Approved, SOLAS USCG Pressure sensitive adhesive or sew-on applications.
- It meets SOLAS IMO Resolution A.658(16) for Type I and II applications



NON-SKID TAPE

Safety Track®

Commercial Grade Tapes and Treads 3100 Series

Safety Track® commercial grade non-skid grit tape has been designed for most general purpose applications. This product was engineered to exceed OSHA Standards by providing a durable, consistent non-slip surface. Our use of silicon carbide grit ensures the longevity in both indoor and outdoor applications. By coating our own adhesives, we can assure the most aggressive, durable adhesive system on the market today.

Colors Commercial Grade Tapes and Treads 3300 Series

Safety Track® Colors non-skid tape is the preferred product line when visual warning is required to mark potential slip and fall hazards. This nonslip product line was developed with maximum visual warning characteristics in mind. From Safety Yellow, Yellow/Black stripes to "Caution" and "Watch Your Step", we provide the best assortment of visual cues to meet your requirements.

Resilient Medium Tapes and Treads 3500 Series

This rubberized, textured non-slip tape was designed for heavy shoe and cart traffic, yet is comfortable enough for bare feet. Our Resilient Medium Grade non-slip tapes provide unparalleled Coefficient Of Friction in both industrial and commercial environments. Coated with an aggressive adhesive designed with industrial and commercial applications in mind, this product is easily cleaned and mop-friendly.



JM3101M	Safety track black, 1"x60' roll, 12 per case
JM3102M	Safety track black, 2"x60' roll, 6 per case
JM3103M	Safety track black, 3"x60' roll, 4 per case
JM3104M	Safety track black, 4"x60' roll, 3 per case
JM3106M	Safety track black, 6"x60' roll, 2 per case
JM3112M	Safety track black, 12"x60' roll, 1 per case
JM3106X24M	Safety track black, cleat 6"x24", 50 per case
JM3360-2M	Safety track yellow/black, 2"x60' roll, 6 rolls per case
JM3360-3M	Safety track yellow/black, 3"x60' roll, 4 rolls per case
JM3360-6M	Safety track yellow/black, 6"x60' roll, 2 rolls per case
JM3360-6X24M	Safety track yellow/black, cleat 6"x24", 50 per case
JM33606X24CAUTM	Safety track yellow/black, 6"x24" "Caution", 24 per case
JM33606X24WATCM	Safety track yellow/black, 6"x24" Watch your step, 24 per case
JM3514M	Safety track resilient black, 4"x60' roll, 3 per case
JM3516M	Safety track resilient black, 6"x60' roll, 2 per case

MARITIME SAFETY SIGNAGE CATALOG



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