PRIME PRODUCTS

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Safety solutions and gas detection services
for the maritime industry

Prime Products Ltd is a Greek company established in 2006 specializing in gas detection products and services for the maritime industry. Run by a family with a century-old history in the business world, Prime Products has managed to develop a global network and acquire a distinct place in the market, rooted in responsibility, reliability, and efficiency. Our experience in the maritime sector has created a business tradition characterized by specialization and dedication. Always focused on safety, our work has developed into a market-defining force with a vast and satisfied clientele.

Our Mission

At Prime Products, we do our best to invest in our network expansion, constant service upgrade, and professional ethics to keep a healthy and productive business.

GAS DETECTION

1. GAS DETECTORS 2. CALIBRATION GAS CYLINDERS 3. GAS DETECTION TUBES & PUMPS
4. FIXED GAS DETECTION SYSTEMS 5. PRIME-247 SERVICES

No matter how extreme or demanding the conditions, people come first. And in situations where combustible gas may be present, every second is critical

ALTAIR 4XR

- Capable of detecting levels of LEL, O2, CO, H2S, SO2 and NO2 with rapid-response sensors
- Tested to survive 25 drops from 4 feet (1.2m) and an incidental 25ft (7.5m) drop on to concrete
- Dust- and waterproof IP68 rating (2 meters for at least 1 hour)
- 4-year instrument & sensor warranty

ALTAIR 5X

- Capable of measuring up to 6 gases simultaneously
- Variety of optional MSA infrared sensors
- Available with integrated PID sensor for VOC detection
- Robust integral pump for consistent flow and improved durability

ALTAIR

- Sensor options for CO, H2S and O2
- Maintenance - free service life
- Robust design
- Distinctive alarm system

ALTAIR 2x

- Fastest sensor response times, lowest calibration gas flow rate on the market
- 3-year warranty on instrument & most sensors
- End-of-sensor-life warning and alarm

ALTAIR PRO

- Unit detects O2, ClO2, HCN and PH3
- Robust design
- Distinctive alarm system

GALAXY GX2 AUTOMATED TEST SYSTEM

- Simultaneous testing of up to 10 instruments
- Cost of ownership save time, gas & money
- Low calibration gas volume indicators, expiration warnings & test stand status
- Analyze all data, any time with MSA Link Pro Software

Calibration Gas Cylinders

One stop shop for your Gas Requirements

Need simple, fast and costless calibration? Use our worldwide gas supply: calibration gas cylinders, calibration adapters, fixed flow and demand flow regulators. Complete solutions for your vessel's requirements

LARGE SHELF STOCK
FREE TRANSPORTATION IN THE FOLLOWING PORTS

PIRAEUS • SINGAPORE • FUJAIRAH • ROTTERDAM • HOUSTON

Gas Detection Tubes & Pumps

Tubes & Pumps

With a number
of advantages over other
detection methods, gas
detection tubes are a key
part of many industrial
testing processes
We offer a wide variety
of detector tubes that
are suitable for many
different applications

Exclusive distributor of KwikDraw & Uniphos Brands

Fixed Gas Detection Systems

Digital Gas Transmitters

Compatible with various control panels

Continuous area and personnel protection
Technical support, maintenance & Calibration

PRIME - 247 SERVICES

The leading supplier of Portable Gas Detectors
in the maritime industry

More than
2.000
enrolled ships

More than
10.000
operational instruments

Prime 247 is a smart, reliable, and complete gas detection solution **for the maritime industry**

SUPPORT IN MAJOR PORTS WORLDWIDE
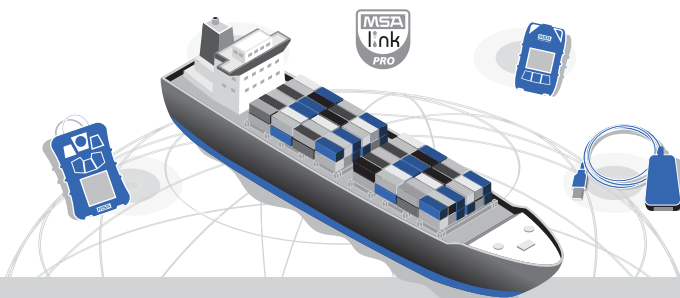
**PIRAEUS   SINGAPORE   FUJAIRAH   ROTTERDAM   HOUSTON**

Equipment Supply

- MSA gas detectors
- Calibration gas cylinders
- Calibration adapters
- Fixed flow & demand flow regulators

Calibration & Maintenance

- Experienced technicians located in major ports worldwide
- Calibration and maintenance of : gas detectors, UTI meters, pressure & temperature calibrators, pressure gauges, hand pumps, alcohol meter devices
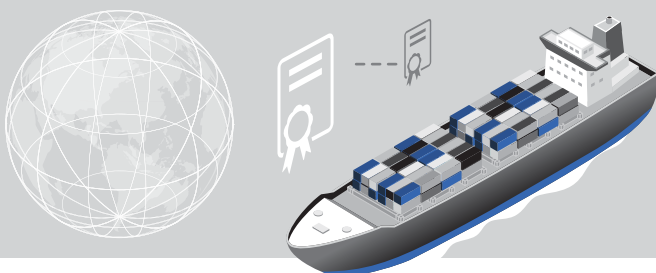- Calibration on board the vessel is possible
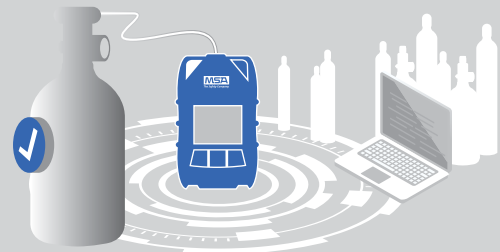
Technical Support

- Direct communication-immediate assistance!

Instruments' Monitoring

- A specially designed monitoring system
- Instruments data entered (certificates, serial numbers, due dates)
- Monitored and fully updated
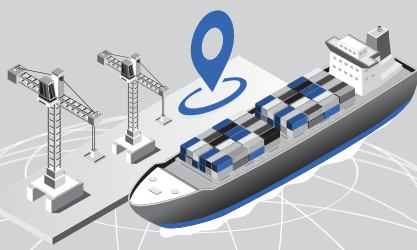- Clients are notified on time of all equipment requirements

Remote Certification
• Remote certification with MSA Link Software

Training - Seminars
• Individual or group training courses, free of charge
• Seminars on safety equipment use, held periodically in our head offices in Piraeus

Exchange Service for Malfunctioning Instruments
• Exchange of malfunctioning instrument(s) to newly calibrated & fully operational one(s), is possible
• No fees are charged at Prime Products service stations

Sensors' Warranty & Replacement
• MSA Gas Detectors' sensors come with a warranty for safer and longer use

Online Control Center
• Real-time overview of ship's inventory

BENEFITS

No hidden costs / pay a predetermined annual fee

One-stop-shop

Operational & reliable instruments at all times

RADIO
COMMU-
NICATION

1. LICENSED TWO - WAY RADIOS 2. BUSINESS TWO - WAY RADIOS
3. CONVENTIONAL SYSTEM 4. WAVE PTX 5. ACCESSORIES

Where cell phones fall short, digital radios keep you going

DP4400e	DP2400e	DP4401e Ex ATEX	MTP8550 Ex	DP1400
· VHF, UHF	· VHF, UHF	· VHF, UHF	· Frequency band (MHZ)-350-470	· VHF, UHF
· 32 channels	· 16 channels	· 32 channels	· IP standards: IP 65, IP 66 and IP 67	· 32 channels
· Emergency button	· Emergency button	· Emergency button	· ATEX, IEC EX	· Emergency button
· UL-TIA4950	· UL-TIA4950	· ATEX IECEx	· Large emergency button	· IP standards: IP54
· IP standards: IP57	· IP standards: IP55	· IP standards: IP67	· Integrated bluetooth	· 2 year warranty
· 2 year warranty	· 2 year warranty	· 2 year warranty	· Extended battery life	

THE PERFECT
RADIO SOLUTION
FOR THOSE
WHO DON'T
NEED ADVANCED
FEATURES.

- **FIT EVERYWHERE**
- **AFFORDABLE**
- **RUGGEDLY DESIGNED**
- **EASY TO USE**
- **NO USER LICENCE NEEDED**
- **1-128 CHANNEL FLEXIBILITY**
- **APPLICABLE TO ALL BUSINESS**

CLK446   **CLP446**   **XT185**   **T72**

RADIOS SUPPORTED

- SL 4000e Series
- DP4000 Ex Series
- DP4000e Series
- DP3441e
- DP2000e Series
- SL1600
- DP1000 Series
- DM4000e Series
- DM2000 Series

CONVENTIONAL SYSTEM

IP SITE CONNECT

COST-EFFECTIVE COVERAGE FOR MULTIPLE SITES

MOTOTRBO IP Site Connect system: a repeater at each site giving excellent coverage, all of them linked by an IP network. A simple, cost-effective way to keep everybody connected

DIMENSIONS

- Up to 15 Sites
- 1 Repeater per Site
- Up to 200 Radios (recommended)

WAVE PTX

Take Push-To-Talk further
Bridges devices across networks / Instant multimedia communication

Turn your smartphone into a multi-channel communication device with the wave ptx mobile app

- Predictable costs / subscription fee
- Broadband PTT service
- Wave ptx app

- Group & private calls
- Voice & text messaging
- Video, photo & file sharing

Professional Radio Accessories for DEMANDING ENVIRONMENTS

C-C440 Com
#### Control Unit / Push to Talk

- Dust proof and water submersible (IP67)
- Extra large push-to-talk button
- Excellent tactile feel and operation; suitable for wearing under clothing and with gloves

Savox HC-1 Helmet-COM
Bone Conduction Headset

- Dirt protected (IP56)
- Speech is picked up through the skull
- Includes separate speaker adapters for MSA Gallet helmets
- Unique fastening strap that easily mounts into most types of helmets

SAVOX TM-1/TC-1
Throat Microphone

- Versatile
- Can be worn with or without helmet, with protective suits, mask unit, and hoods when boom microphone headset is not practical for wear
- Enables exceptional performance in high noise environments
- Adapts to Savox Classic PTTs and RSMs
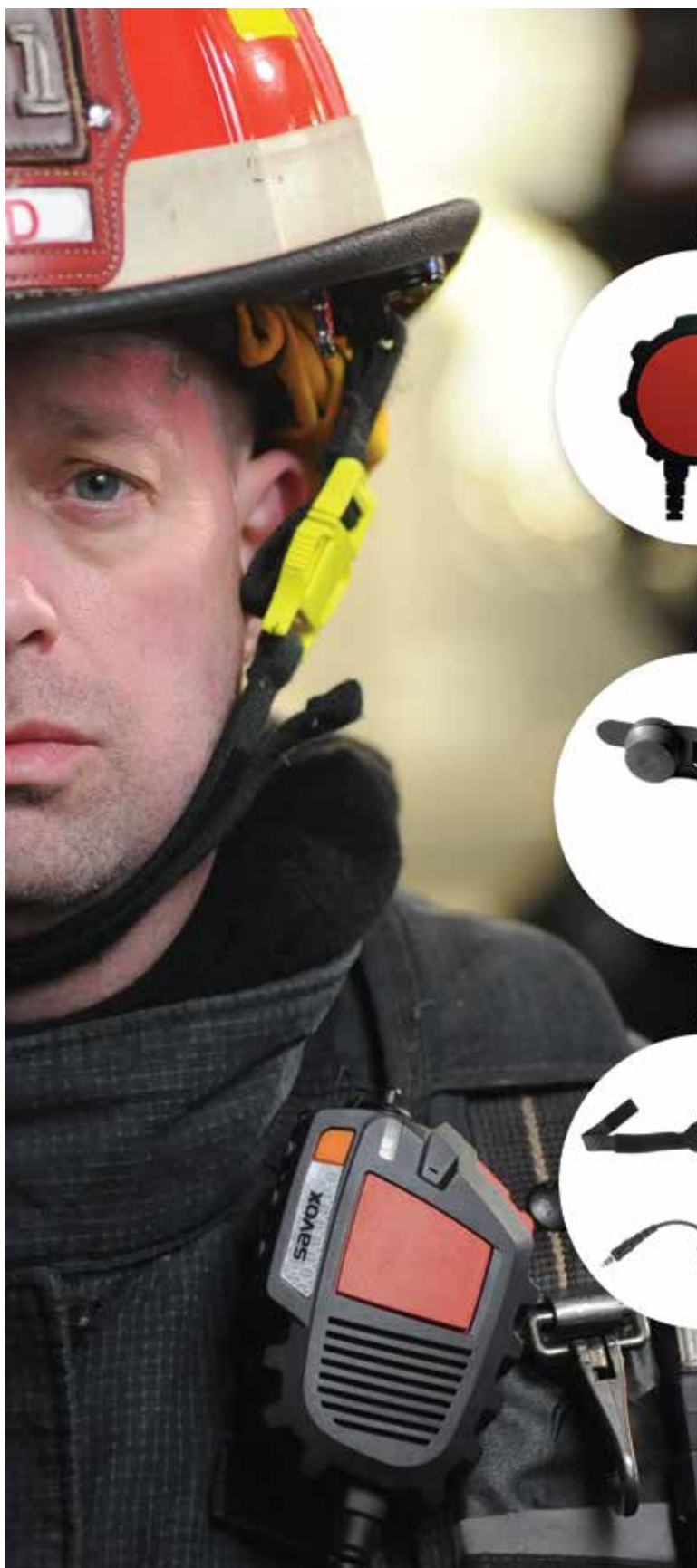
ATEX
MOBILES &
CAMERAS

1. MOBILES 2. TABLETS 3. CAMERAS

*Highly ruggedized, intrinsically safe mobiles, tablets & cameras
to guarantee safety, reliability and top performance
in hazardous areas*

Ex ATEX

MOBILES

ZONE 1/21

IS330.1
MOBILE TELEPHONE
- 64 GB internal memory
- 2 Cameras 13 MP / 5 MP
- Gorilla glass v3 usable with gloves

IS530.1
MOBILE TELEPHONE
(HIGH PERFORMANCE)
- Dual micro-SIM, WiFi
- Zero-touch capable
- 2 cameras 13 MP / 5 MP

ZONE 2/22

IS655.2
MOBILE TELEPHONE
(SLIM)
- Push-to-talk button
- 5,5" display dragontrail glass usable with gloves
- 2 cameras 13 MP / 8 MP

IS530.2
MOBILE TELEPHONE
(HIGH PERFORMANCE)
- 4G (LTE)
- Dual micro-SIM, WiFi, bluetooth®
- GPS
- 2 cameras 13 MP / 5 MP

TABLETS

IS930.1 TABLET
- 64 GB internal memory
- 2 cameras 13 MP / 5 MP

HMT-1Z1
HANDS-FREE TABLET
- AndroidTM 6.0.1 + wearHFTM hands-free interface
- Bluetooth 4.1
- WVGA display with 20° field-of-view
- Camera with barcode-reader

CAMERAS

DIGITAL & THERMAL CAMERA
ToughPIX DIGITHERM
- 5 MP digital camera with automatic, motorized focus
- Wi-Fi hotspot to download images (tablet or smartphone)
- Li-Ion removable, rechargeable battery

DIGITAL CAMERA
iCAM502
- 3.1 MP/ image quality feedback system
- Advanced autofocus lens
- Variable flash analysis
- Audio recording

TESTING EQUIPMENT

**1. FLAME, SMOKE & HEAT DETECTOR TESTERS 2. PRESSURE & TEMPERATURE CALIBRATORS
3. ENGINE INDICATOR 4. MEASURING TOOLS**

Prevent, identify & troubleshoot problems. Professional inspection tools for accurate & reliable results

FLAME DETECTOR TEST LAMP T-229/4P

- Activates UV, IR and UV/IR Flame detector equipment
- Universal for all UV flame detectors
- UV detector check up to 8 meters
- IR and UV/IR flame detector check up to 4 meters
- Universal charger 100-240 vac with pins for US, EU, GB and AU

SMOKE DETECTOR TESTER SOLO 330

- Lightweight and simple to use
- Spring-loaded mechanism for suspended ceilings
- Universal – suits most detectors
- UL listed
- Lifetime warranty

HEAT DETECTOR TESTER SOLO 461

- Ultra safe – no cables to trip over
- Rapid activation
- Lightweight and simple to use
- Universal – suitable for use on most detectors
- UL & ULC listed

SMOKE DETECTOR TESTER SMOKESABRE

- More tests per can
- Faster detector activation and clearing
- Lowest cost per test
- Silicone free testing
- UL and ULC listed

HEAT DETECTOR TESTER SOLO 423/424

- Available in both 110/120 and 220/240 volt versions
- Rapid activation
- Lightweight and simple to use
- Universal – suitable for use on most detectors
- Supplied with 5m cable (additional 5m cable available)

TESTIFIRE SMOKE / HEAT DETECTOR TEST KIT

- One tool for testing smoke & heat
- Uses existing Solo battery batons connected to Solo accesspoles
- No pressurized canisters of gas / fueled by replaceable capsules
- Includes 1 head unit (Testfire 1000),
- 1 x smoke capsule, 1 x charger, 2 x battery baton

ELECTRONIC PRESSURE INDICATOR EPM-XP

- Powerful engine electronic indication device
- Measuring range: 0…300 bar
- Accuracy (EMP-XP unit incl. HTT sensor): 0,5% full scale
- Max. temperature at measuring cell: 300℃
- Storing capacity: 20 measurements / engine
- Visualization software 2 stroke/ 4 stroke engines

OPTIONAL

IMES SOFTWARE FOR IPOWER AND IMEP CALCULATION INCLUDING P/V DIAGRAMS

AFTER SALES SERVICES:

INSPECTION • SERVICE

CALIBRATION • CERTIFICATION

SPARE PARTS & ACCESSORIES

HIGH PRESSURE PUMP P12

- Hydraulic oil pump
- Pressure Ranges to 700 bar
- Ideal test equipment for manometers and pressure transmitters

HANDPUMP K/P

- Negative pressures/vacuums and pressures of up to 25 bar (max. 40 bar)
- Pressure Ranges -0,85…25 bar
- Highly suitable for testing manometers and pressure transmitters

MEDIUM TEMPERATURE DRY BLOCK CALIBRATOR ETC 600

- Ideal for quick/fast site calibration in Industrial & Marine Applications
- Range: 50℃ to 600℃ , Immersion Depth: 110 mm Accuracies: ±0.1% F.S. +1 digit

TEMPERATURE CALIBRATOR TC15M

- Interchangeable inserts with single or multiple immersion chambers
- Range: -40℃ to 150℃ / Accuracy: ±0.3℃ / Heat/cool times: 50min (heat); 20min (cool)

elcometer

Viscosity Measurement

Abrasion Tester

Hardness Tester

Elasticity Tester

Climatic Conditions

Gloss & Haze Measurement

Elcometer 456 Coating Thickness Gauge

" *Suggested by MAN Energy Solutions* "

SEA HOVER
SHT 2002 UTI METER

- **Fully adjustable**
- **Can replace all market models (MMC, Hermetic, Tank Tech)**
- **Auto calibrated**
- **Plug and play spare parts**
- **Gas sampler, liquid sampler**
- **Deck pressure gauge**
- **Full technical support for service, exchange & remote troubleshooting**
- **Certificates provided**

CREW
WELFARE

1. ALCOHOL AND DRUG DETECTORS 2. DEFIBRILATORS

Ensure the safety and right for every seafarer to decent working and living conditions on board

ALCOHOL & DRUG DETECTORS

ALCOHOL TESTER ALCO-SENSOR VXL

ALCOHOL TESTER AL-6000 PRESTIGE

MULTI-DRUG CONTROL URINE CUP SECURE

SINGLE-USE ALCOHOL BREATHANALYSER

DEFIBRILATORS

WORKWEAR

1. COVERALLS 2. PPE 3. SAFETY SHOES 4. WORKING APPAREL 5. WINTER PROTECTION
6. FIRE FIGHTING OUTFIT 7. HYDROBLASTING PROTECTION 8. CHEMICAL PROTECTION
9. CRYOGENIC PROTECTION 10. DIELECTRIC PROTECTION 11. COOK GARMENTS
12. WELDING PROTECTION 13. FALL PROTECTION 14. LIFE LINE SYSTEMS

Head-to-toe safety gear / Reduce employee exposure to hazard

Helmets

Spectacles / Googles

Masks

Gloves

Ear muffs

Belts

Knee pads

Bags

Socks

Insoles

SAFETY SHOES

Low cut shoes

High cut shoes

Boots

Rubber Boots

Winter Jackets

Blouses

Rainwear

Trousers

Underwear

Head protection

Parkas

Gloves

Trousers

Boots

Socks

Accessories

Helmets

Fire Resistant hoods

Jackets

Trousers

Boots

Helmets

Aprons

Jackets

Gloves

Trousers

Boots

Ghettes

Full-face masks

Suits

Half-face masks

Gloves

Filters

Boots

Googles

cryokit®

Face Shields

Aprons

Gloves

Ghettes

Cryogenic Protection case

CryoChef

Helmets

Gloves

Shoes

Chefs' Jackets

Aprons

Trousers

Jackets

Sleeves

Ghettes

Hoods

Gloves

Aprons

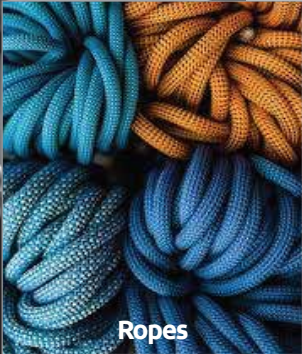**Shoes**

Helmets
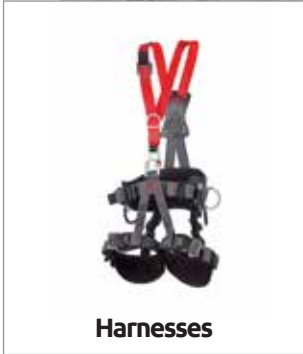
Tool Bags

Harnesses

Ropes

Fall Arresters

Carabiners & Hooks

Gloves

Shock absorbers
simple lanyards

Certified After Sales Revision & Service Center
for Visual Inspection and Mechanical revision of fall protection

Training certificate
FALL ARREST PROTECTION VISUAL INSPECTION
OF DELTA PLUS PPE FALL ARREST

LIFE LINE

PROVIDING UNPARALLELED FALL SAFETY IN EVEN THE MOST DANGEROUS WORK CONDITIONS

SYSTEMS

- **Horizontal or vertical**
- **Temporary or permanent**
- **Rigid or flexible**
- **Posts & anchors**
- **Tailor made solutions**

ADVANTAGES

- **VERSATILITY**
- **HIGH ADAPTABILITY**
- **USER - FRIENDLY**
- **OPTIMUM SAFETY FOR ALL TYPES OF SLOPES**
- **SUPERIOR DESIGN**
- **EN 795 : 2012 CERTIFICATION**

MARITIME EQUIPMENT

1. SURVIVOR LOCATION LIGHTS 2. HYDROSTATIC RELEASE 3. STRETCHERS & CRADLES
4. WASTE COMPACTORS 5. OIL SPILL KITS 6. SAFETY SIGNS

Ensure seafarer safety / Hazard identification and control products, compliant with European Regulations

Survivor Location Lights

Hydrostatic Release for Liferaft & EPIRB

Stretchers & Cradles

Waste Compactors

Oil Spill Kits

Master Lock

Control of Hazardous Energy
Lockout / Tagout Solutions

1. PADLOCKS & TAGS LOCKING SYSTEM

2. ELECTRICAL LOCKOUT DEVICES

3. GROUP LOCKOUT & PERMIT CONTROL STATIONS

4. MECHANICAL LOCKOUT DEVICES

5. LOCKOUT TAGOUT KITS

SAFETY & DIRECTION | MANDATORY | HAZARD | PROHIBITION - ISPS - SECURITY | FIRE - SAFETY PLANS | SECURITY SEALS

FIRE | TAPES | COMBINATION SIGNS | PASSENGER, VESSELS & TERMINAL BUILDINGS | TEMPORARY TIE TAGS | POSTERS

LIGHTING

1. MARITIME LIGHTS 2. CHEMLIGHTS

Safety lighting for working in hazardous enviroments

Maritime Lights

Torches
Handlamps
Headtorches
Rescue Lights
Air Lamps

Chemlights

Industrial Lightsticks
Search & Rescue
Markers
Evacuation Systems
Reflective &
Self-luminous Tapes
Accessories

MAINTENANCE

1. REPAIR & PROTECTIVE COATINGS

Regular maintenance and repairs are essential for a vessel to ensure health and safety, keep the ship in top condition and save owner's time and money in the long run

BELZONA®
Repair • Protect • Improve

belzona.gr

1000 Series
Metallic Polymers - Repair and Protection of Rigid Components

2000 Series
Elastomeric Polymers - Repair and Protection of Flexible Components

3000 Series
Polymeric Membranes - Waterproofing and Protection of Building and Structures

4000 Series
Magma Polymers - Repair and Protection of Concrete and Stonework

5000 Series
Environmental Polymers - Protection from Environmental, Physical, Chemical and Bacterial attack

6000 Series
Environmental Corrosion Protection Systems

7000 Series
High Performance Chocking and Grouting Compounds

8000 Series
Anti-Seize Treatments and Lubrication Systems

9000 Series
Leak Sealing Kits, Reinforcing Fabrics, Cleaners / Degreasers

PRIME
PRODUCTS

www.primeltd.com

PIRAEUS SINGAPORE FUJAIRAH ROTTERDAM HOUSTON