

# RMN NEWSLETTER

After a global challenging year 2016 where low oil prices and freight rates forced many companies to cut cost and make other unpopular savings, we hope that 2017 will bring more prosperity to those companies. With this 3th NEWSLETTER we continue to inform our customers with as much as possible information about products from our manufacturers and service partners. In 2016 our Wencon/RMN Service Partners carried out great jobs and showed what they are capable of. This year they are ready again to serve you when it is needed. With GreenOil we have made a huge step forward last year in the Netherlands and our Dutch customers are more convinced about the savings they can achieve installing one or multiple units on board.

## MERWEDE BRIDGE REPAIR

Our Partner **Venus & de Waard** worked on the repair of the Gorinchem Merwede Bridge. With a team of service engineers they were busy with the reinforcement of the bridge.



## NAVIGATION LAMP TYPE LIGHTHOUSE

Portable navigation and beacon lamps with a battery power source. Easy to install on barges, buoys etc. where there is the need for warning lights. There are two versions, continuously shining and a flashing type. Available with a normal light bulb or in LED. The continuously shining lamp has a runtime of approx. 450 hours (LED 600) on one battery and for the flashing type is that approx. 2500 hours (LED 3300). This lamps are equipped with an on/off switch and a photo electric switch which turns on the lamp at darkness. Different colour filters and an anti-theft bracket are optional available as an accessory. Lamps and replacement batteries are available direct from stock.



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**SWISS**  
SOLUTIONS



**rmn**

Repair Management Nederland B.V.  
More management less firefighting

## RMN SERVICE PARTNERS

The RMN - Wencon service partners are very successful with with several jobs in the Marine and Industry. One of the projects in Vlissingen from our Partner **Minderhoud Techniek** is producing new fishing gear for several fishing vessels.



## BOW THRUSTER OVERHAUL

**Marine Maintenance Service** made a complete overhaul of a bow thruster unit. The propeller shaft was badly corroded and the housing was exposed to a combination of galvanic corrosion and cavitation. The housing was rebuild with Wencon Ceramic Cream and a 2-layer system of Wencon Ceramic Coating. The propeller shaft was completely renewed. The complete overhaul took 5 days. Shipowner chose Wencon due to years of experience with this Wencon repair system on his vessels.



Together with our Service Partners we can handle even the most demanding jobs.

**WENCON®**

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## TECHNED BENELUX

*Build for Safety and Durability*

### NEW SCAME ATEX PRODUCTS

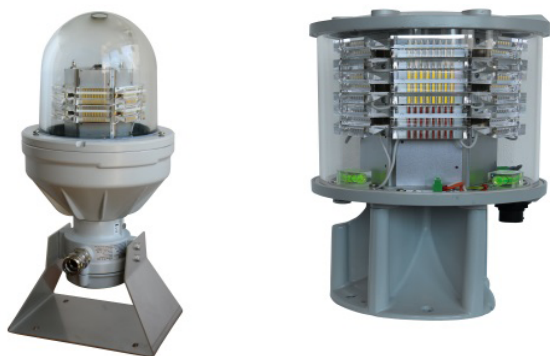
New within the Techned range of ATEX products are the Scame electrical solutions such as Plugs, Interlocked Switch Socket Outlets, Switchgear, Emergency Switchgear, Enclosures and accessories. The complete range of products can be used in Gas and Dust hazardous environments in the Ex category II 2GD. The protection is IP66 and all products are produced out of high quality GRP material. The Switch Disconnectors and Emergency Switch Disconnectors are also available in AISI316L Stainless Steel and corrosion resistant Aluminium. Junction boxes are according to the regulations equipped with terminal blocks. Plugs and Socket Outlets are available for 220-250V, 346-415V and 380-415V and can be used in ambient temperatures from -35°C to +60°C.



### TECHNED OBSTRUCTION LIGHTING

Techned Obstruction Lighting are based on MULTILED technique. Available in Low, Medium and High Intensity and in ATEX and Non-Atex version. The new developed range has a long expected lifetime of >10+ years and are fitted with a new developed special Patented Air Extraction (cooling) system and heat sink.

Easy to choose the right luminaire with the AWL obstruction light selector. All luminaires comply to the ICAO Aerodromes and FAA regulations and the ATEX versions are according and approved DGAC/STAC & ATEX.



### NEW TECHNED EX CABLE GLANDS

Techned cable glands a new range of 6 different types of ATEX cable glands. With 3 types of Universal cable glands and 3 types of Barrier cable glands covers Techned many applications. Cable glands are available with and without earth continuity and special cable glands for unarmoured cable. The cable glands can be fitted on equipment with type protection "Ex d", "Ex e", "Ex i", "Ex m", "Ex p" and "Ex n" and are standard available for Metric ISO 261 threading. For more information about those products see our website or contact us.



### EGA MASTER NON-SPARK TOOLS

Safety Tools, to use in hazardous environments. It looks normal when employees are working in environments with a potential explosive atmosphere that they carry out the job with the right tools. But to often the truth is that they don't use the right (safety) tools. Ega Master offers an enormous range of Non-Spark Tools and other Safety Tools. **For Non-Spark Tools it is important to make the right choice between Cu-Be and Al-Br tools.**

The Copper-Beryllium Alloy is stronger and more durable than the cheaper Aluminium-Bronze Alloy.

More important is to know that **Copper-Beryllium Alloy Tools** can be used in all groups (I, IIA, IIB, IIC) in a safe way respecting the maximum surface temperature allowed, except with acetylene that can create explosive acetylene gasses and tools made of **Aluminium-Bronze Alloy** can be used in a safe way, always respecting the maximum surface temperature allowed, except for the IIC group (Hydrogen gas of water, acetylene, bisulphide of carbon, ethyl nitrate).

For working in Acetylene environments Ega Master offers a special range of ACETYLEX tools.

Some of the Ega Master Customers are Shell, Exxon Mobil, Sapura Kencana, CNOOC, Kuwait Oil Company, BASF, Petrosbras and many others.

RMN offers the full range of this Safety Tools. A special Safety Tool catalogue is available. Contact our sales team.



# RMN NEWSLETTER



## GreenOil Standard®

Type WP1-B1-100 with suction pump



## GreenOil Standard®

Type WP2-H2-100 with suction pump, return

The Oil filter inserts are metal cannisters filled with sheep wool. Designed for optimal dirt holding capacity and maximum filter performance. Replacement takes only a few minutes and there is no physical contact with the oil. The filters remove soft contaminants that are the precursors for the formation of varnish in the oil. GreenOil filters keep VPR (Varnish Potential Rating) below critical figures even in systems with high loads and elevated temperatures. Also very useful for the engine lub oil at the new LNG engines.



## GreenOil Standard® and fishing vessel GY127

A common problem with hydraulic installations on board is water in the oil. This water is also the cause of other problems in the hydraulic systems such as corrosion, what will harm pumps, seals etc. and is a major maintenance expense. GreenOil standard is the solution for this problem. With its unique patented water separator the **GreenOil filter units are the only one in the world able to remove all forms of water.** It removes continuously free, emulsified and bound water without use of any consumables.

The **fishing vessel GY127** from Urk was faced with the same problem and installed a GreenOil WP2-H2-100 unit on a 2500 liter tank. After a couple of weeks a second unit WP1-B1-100 was installed on the 2000 liter storage tank to keep this oil also in perfect condition. The GreenOil units offer significant savings on oil, maintenance and spare parts. The annual CO<sub>2</sub> reduction is approx. 3.500 kilo for this vessel. The payback time of the unit is less than 13 months.

Klaas v/d Berg, shipowner of the GY127 is very satisfied with the performance of the GreenOil Systems on board and should recommend it to others to install this unique system.

Oil samples by Exxon Mobil showed already after a couple of weeks that the particle contamination drops down significantly and there is no water in the oil anymore.



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## DOOWIN DOOFLEX

RMN is the distributor for DOOWIN™ DooFlex, a manufacturer for heavy duty PVC, TPU Coated fabrics. The DOOWIN range of products include:

- \* Underwater Air Lifting Bags
- \* Salvage Tubes
- \* Water Test Weight-Bags
- \* Special Inflatable Buoyance Products
- \* Flexi Tanks
- \* Etc.



Many salvage and rescue companies already found their way to us for Total Enclosed Lift Bags, Enclosed Pillow Lift Bags and Open Bottom Air Lift Bags.

**Tender & Marine Service** located in Barendrecht is one of the customers using our lift bags for salvage jobs in the Netherlands. They are specialized and very successful in re-floating sunken yachts. Tender & Marine Service is satisfied with this high performance products.

DOOWIN™ products are available in many different lifting capacities from 50 kilo up to 50 Ton.



## EGA MASTER PIPE BENDING TOOLS

Ega Master supplies a big variety of piping tools and machines. The range contain pipe benders, pipe pliers, pipe threading tools and machines, pipe cutters, pipe freezers etc. Electrical cutting and bevelling machines are available from 3/8" up to 50" capacity.

The hydraulic pipe benders for steel pipes are available as **Curvomatic 2** bending capacity from 1/4" up to 2" and the **Curvomatic 3** goes up to 3". The tool comes complete with all bending forms and a tripod packed in a wooden storage crate.

New is the **Roscamatic** range of pipe threading machines for dimensions up to 4" available in 220/240V (50/60Hz) and 110/130V (50/60Hz).

Ega Master for a complete range of pipe benders, cutters, threading machines, press fitting machines etc.



## VESTGUARD

### BODY ARMOUR AND COMBAT HELMETS

RMN is officially approved to market the VestGuard ballistic Protection Systems.

The Marine and Offshore Industry is still faced with piracy. Not only in the Gulf of Aden region is this a serious problem, areas such as West Africa and around Indonesia are faced with the same problem. Seafarer must be protected against armed pirates, who not fear to use any violence against vessels and their crew.

The company VestGuard is one of the leading companies supplying body armour for Military Forces, Special Forces Teams Maritime Security etc. Vests and helmets are V50 rated according to NATO STANAG 2920.

The main focus for RMN is to market the high quality Tactical Overt Vests Body Armour with NIJ Level 3a Soft Armour. Choice in Hard armour plates Level III and Level IV (all certified) and the Advanced Combat Helmets. The products are available in Navy Blue and Black. Body armours sizes from Small up to 4XL and Combat Helmets in sizes from Medium to Extra Large.

We can offer Vestguard products with short lead times.

