



Waste water pipe DE-SCALING.

With time, the pipework of a marine sewage system becomes progressively lined with a build-up of calcium, magnesium hard water scale and struvite deposits.

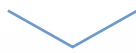
The subsequent reduction in the cross sectional area of the pipe leads to reduced flow rates and eventual blockages in the system.

The PROBLEM

Imagine the nightmare scenario;

...it is the middle of the season with a full compliment of guests and crew and your toilet system blocks up!

This would not only be an embarrassing issue for the Captain, crew and guests on board but could be extremely costly and difficult to rectify at short notice.



The SOLUTION

Our System is unobtrusive, safe and reduces the possibility of leaks. The self contained unit is compact and mobile.

The method is non-damaging to pipework, toilet mechanisms and biological sewage treatment plants. Single or multiple lines can be cleaned as required.

The cleaning technique can be performed without any effect or disruption to the vessel's normal operation.

Our cleaning method is the only system available on the market which effectively cleans the vacuum toilet system whilst all of the toilets remain in operation.

Please visit our website for a list of our satisfied clients.

Preventing disruption at sea

"This unique cleaning system should be integrated as part of a yacht's annual preventative breakdown maintenance."





Heating, Ventilation and Air Conditioning.

Prevention is better than cure. A failure of any part of your HVAC system could be

highly inconvenient, particularly mid cruise with owner and guests onboard!

CHECK UPS and MAINTENANCE

Keeping your HVAC system in a healthy condition requires regular preventative check ups. Minimising the risk of system failure, and reducing the likelihood of unnecessary power consumption, ensuring your HVAC system is energy-efficient and capable of delivering the optimal indoor climate in a healthy and environmentally friendly manner.

- Ensuring all ducting is clean to remove the possibility of bacterial growth.
- Safety check and the system's status.
- Ensure provision of relevant spare parts

Regular check-ups avoid unnecessary repairs and help ensure you can rely on the system when you most need it.

- Cleaning of the air handlers and fresh air inlet ducting.
- Cleaning of the ducting from the air handlers to outlets throughout the boat and returns.
- Cleaning of the fan coil units.
- Cleaning of the sanitary extract ducting and extract fans.
- Cleaning of the main galley extract duct and associated extract fan.
- Cleaning of the laundry dryers, extract ducting and any associated fans.
- Cleaning of the engine room air supply and extract system.



Ducting before and after cleaning.

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Spares Place your order online at www.marinevac.com

suppliers for:



Vacuum Sanitary Systems



Waste Water Parts

Evac - the world's leading supplier of vacuum sanitary systems for marine applications. With over 30 years experience, the company has supplied systems for over 8000 vessels ranging from workboats & luxury yachts to the largest ferries and cruise liners.

Vacuum collecting units create a powerful vacuum and are optimised for each application. The units have been designed to work reliably under heavy duty conditions and to bring energy saving benefits. They are designed for installation as part of the chain that makes up the waste water collection and treatment system onboard vessels.

Evac offers a variety of vacuum toilets for different applications. Typical features include water saving flush, elegant design, reliability and low sound level in use. Interface valves are available to connect gravity lines to the vacuum piping system.

Jets - the leading innovator in vacuum sanitation technology. With over 9000 Jets systems in operation on all types of ships, Jets are known for high quality, flexible cost

efficient solutions backed up by a first class world wide service.

Vacuamator pumps - create vacuum, macerate and pump, all in one operation. The pump is made of high quality materials and is available in models with different capacity. A vacuamator pump can handle any combination of liquid and air.

Toilets, bidets and urinals - from Jets are made from high quality porcelain and stainless steel. Wall and floor mounted models can be supplied. These vacuum toilets have the same comfort and hygiene as a conventional WC.



Vacuum generation



Interface valves



Toilets

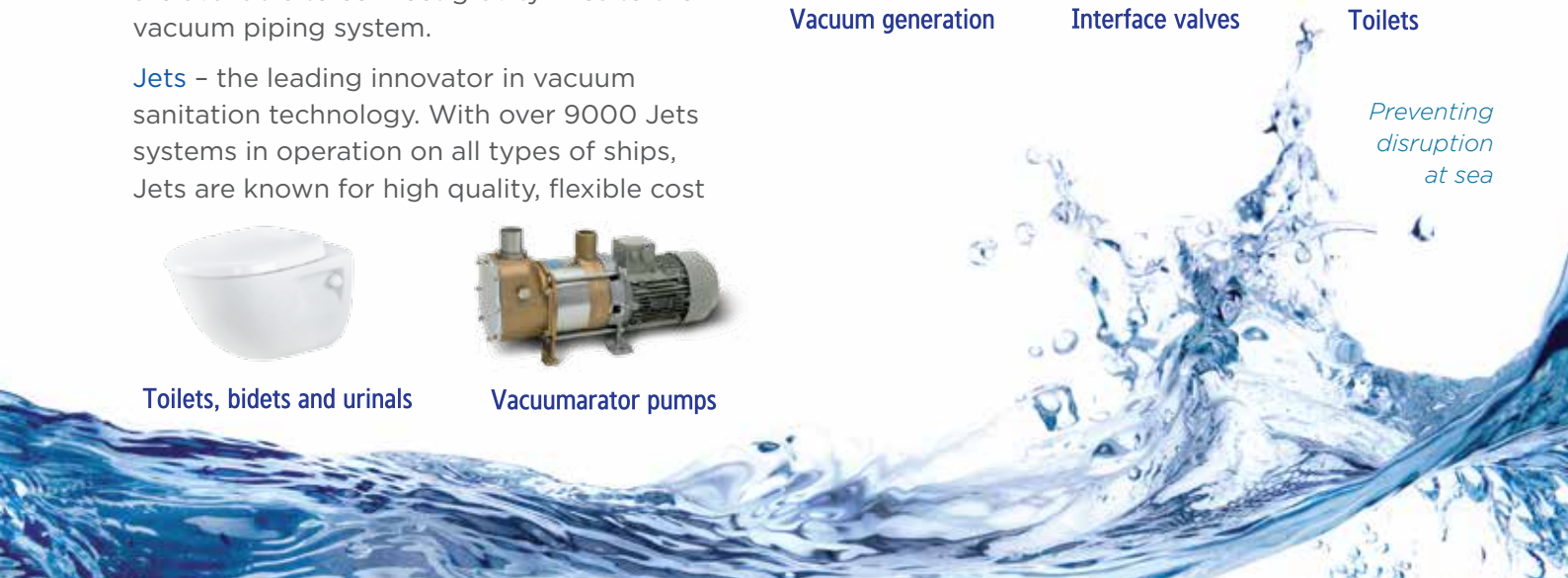


Toilets, bidets and urinals



Vacuamator pumps

Preventing disruption at sea





MIST

Marinevac's Interior Sterilisation Treatment is the new standard for indoor decontamination and infection control. It represents a quantum leap forward in the capacity of the defence against the growing array of ever present

pathogenic infection rates.

Now your staff, clientele and guests are able to benefit from the security and comfort of a truly fresh, sterile environment.

Marinevac's MIST system

MIST meets BSEN1276 contact time and is singularly capable of destroying hotbeds of pathogens otherwise unreachable by conventional cleaning methods (including foggers).

In concert with the residual activity of 'Formula 429' - approved disinfectant solutions, micro mist has the unique capacity to disinfect throughout the entire period between applications, providing far more than a brief veneer of decontamination.

The truth is most of your indoor surfaces have NEVER been decontaminated - not even in hospital rooms. That is why we are helping transform these areas into the absolute safest places possible.

With Marinevac's MIST system, the comfort of a safe, clean and sterile environment is truly attainable.

Formula 429

- Kills MRSA, E.Coli, C Difficile, Norovirus and H1N1 etc. Details available on specified virus, bacteria, yeasts, moulds and mildews.
- Outperforms the current industry best antimicrobial.
- Outperforms the current NHS gold standard -sodium hypochlorite.

Environmentally sound, dry sterilisation & decontamination service safely destroys:

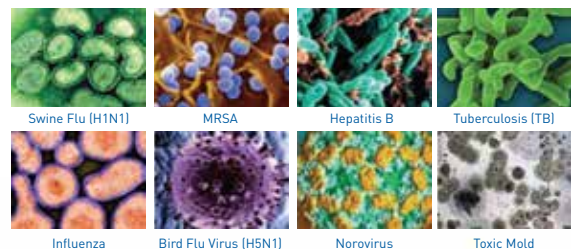
Deadly bacteria and viruses including:

H1N1-A Influenza, MRSA, Norovirus, Rotavirus, Tuberculosis, E-Coli, Influenza, Streptococcus, Hepatitis B, Pseudomonas, Legionella, Pneumophilia, Salmonella, Human Coronavirus.

- Toxic mold and mildew

Treatment leaves NO visible residue.

Pre and post treatment results available



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at sea*





Glass works

Glass in the marine environment comes in for a lot of harsh wear and tear. Salt, chemicals,

knocks and scratches can adversely affect the clarity of the glass onboard.

Efficient, economical and ecological.

We recommend a repair and maintenance regime, that is rapid, cost effective and environmentally friendly. Original glass can be restored and chipped or scratched glass can be saved thus avoiding the need for replacement.

Maintenance

Over time glass can suffer from a build up of grime and salt and calcium deposits which can affect the clarity and shine quality of the glass.

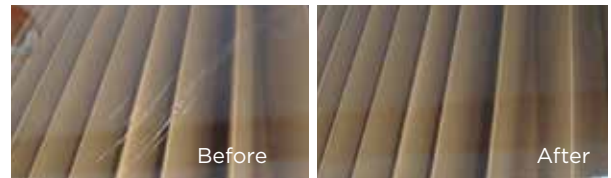


This can be chemically removed and the glass can be mechanically polished back to an 'as new' condition. Finally a nano-technology coating protects the glass from white points and calcification.

Scratch repair

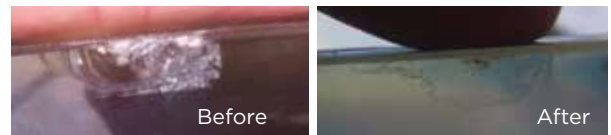
Glass can easily become scratched and sometimes these can be so severe and deep that replacement may seem the only option.

Using special filling compounds and very precise polishing techniques, the damaged glass can be saved. Further protection can be given by applying a film coating which also cuts out UV damage.

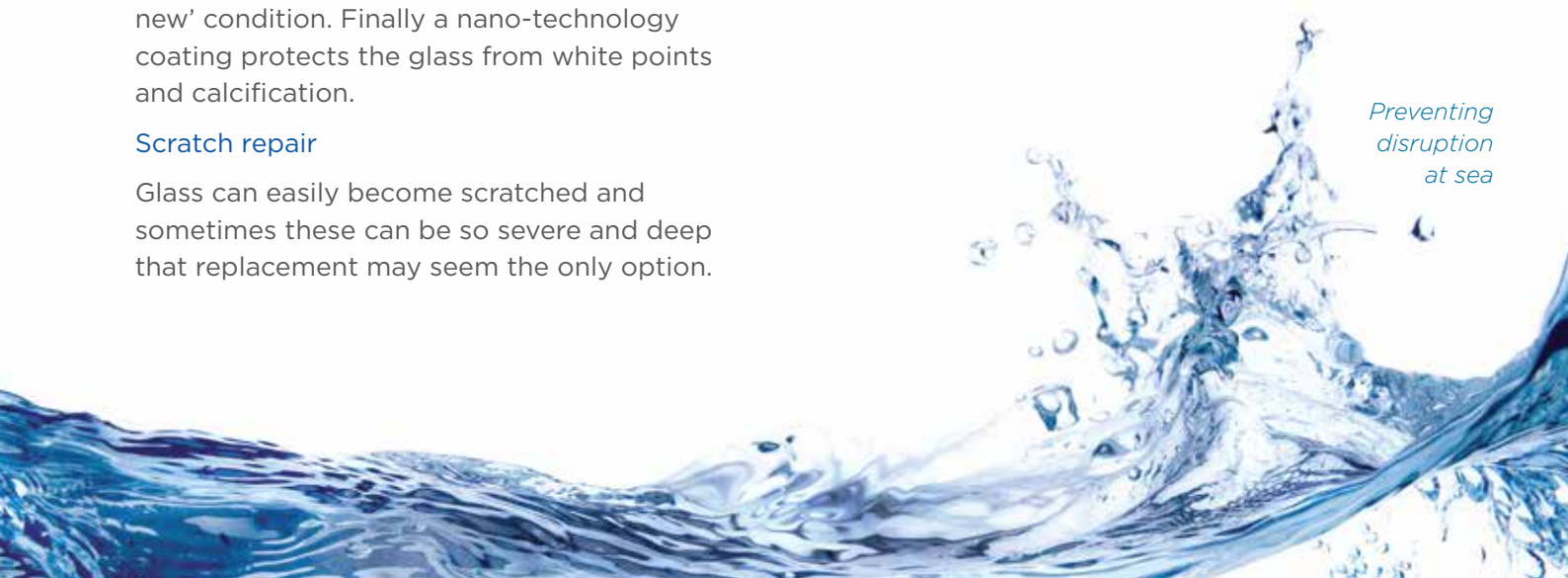


Chips and cracks

Can be filled and polished to greatly improve their appearance, and restore strength to the damaged area.



Preventing disruption at sea





Tank/Bilge SERVICES.

We can provide specialist cleaning crews and equipment to enable quick yet effective

emptying and cleaning of all types of tanks and bilges.

Tank / Bilge Services

Our crews are trained and experienced in water jetting for surface preparation and for entry into confined spaces, breathing apparatus and safety equipment is available as and when required to ensure the well being of our crew, additional equipment such as scaffolding can also be brought in to facilitate cleaning.

Tank emptying service

Our equipment includes everything to get the job done quickly and safely; from high Pressure and Ultra High Pressure water jetting equipment to high volume suction tankers to remove oil, black water, grey water, bilge water, fuel, anti freeze and sludge, we can also filter fuel down to 2 microns.

We can super chlorinate all fresh water pipe work and tanks throughout the yacht and provide full certification.

Our partners are expert in their field and hold all the necessary permits to undertake such work.

Tank preparation

Surface preparation for all types of tanks, hulls and bilges to include, all type of sandblasting, painting & coating, Ultrasonic thickness measurements, spot measurements and full reports on completion.

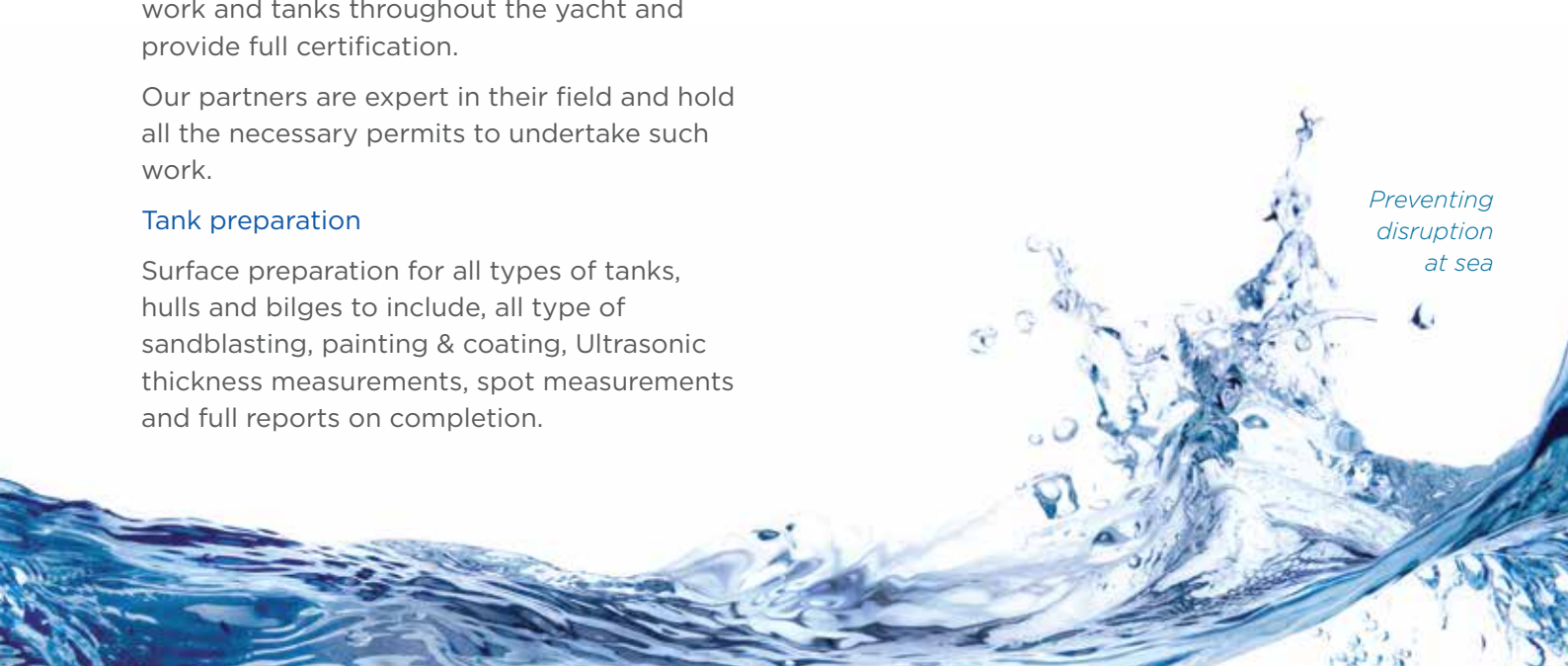


Pump out and disposal of waste liquids.



Interior cleaning, preparation and refinishing.

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Sinks and Drain CLEANING.

Blocked, restricted or slow flowing grey water drains are a common problem on board yachts. Our specialist chemicals water jetting and hand held machinery, will clear

the the clog and thoroughly clean the entire pipe so your sinks will drain like new, resolving the problem quickly and effectively with minimal disruption on board.

Galley drains clog over time. They run slower and slower as greases, soaps, fats and detergents build up on the inner walls of the pipes and eventually cause blockage.

Shower and bath drains present their own challenges. The clogging culprit is usually hair and soap buildup in the trap and drainpipe.



Bathroom sink drains may become clogged with hair, toothpaste, soap and grime.

If left untreated blockages can become a serious problem which can also result in flooding.

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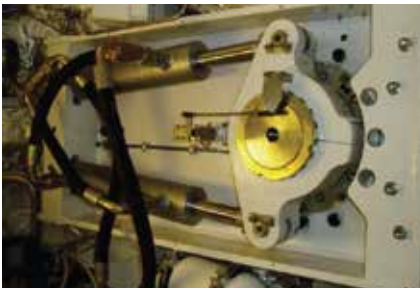


Engineering services

We are able to provide a wide range of engineering services, in particular, specialist hydraulic expertise.

Stabilisers

Specialist service, full overhaul and installation of all major stabilizer systems including QUANTUM, NAIAD, VOSPER, KOOP-NAUTIC, TRAC AND WESMAR.



Nautical Structures

Cranes and deck gear by *Nautical Structures*. Sales, installation, commissioning, certified load testing, repairs and 5 yearly survey/ service, carried out by the only Authorised European service agent.



Deck Equipment and thrusters

We can carry out any repair or full service overhaul on any thruster type or model. We also carry out all service/repair works on all passerelles, cranes, anchor winches and windlasses.

European agents for Wesmar thrusters.



Marinevac in association with the LM group



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