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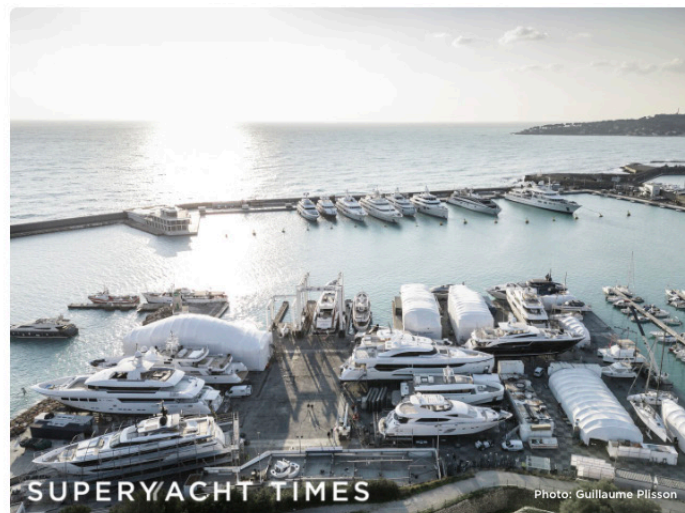
Water conservation efforts in environmentally conscious yacht shipyards



Written by SuperYacht Times

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Monaco Marine's Corporate Social and Societal Responsibility policy focuses on actions in favour of Sustainable Development. Except reducing carbon footprint, one of the main stakes concerns the preservation of the water resource, aligned with the national Water Sobriety Policy.



For shipyards, this means rethinking the operation and maintenance processes to minimise water consumption while preserving the quality of marine ecosystems.



In addition to complying with the regulations for Classified Installations for Environmental Protection and ISO14001 certification, [Monaco Marine](#) is deploying an ambitious and innovative "Water" strategy, on all fronts of usage and for all the Group's shipyards. As outlined by David Queva, the Group's Chief Operating Officer, Monaco Marine plans to invest over €2 million during 2023 and 2024. This investment will focus on five key areas of impact, aiming to develop a robust portfolio of solutions designed to address the pressing environmental challenges of today.

1. Eco-conscious refit work: All repair and maintenance works on Yachts are done after hauling out and grounding on a fully grid-lined earthen by gutters for recovery of careening and rainwater. None of the group's shipyards uses any dry dock basin which, whatever the means of pumping implemented, generates significant pollution of the sea during the filling with seawater and affecting local biodiversity. We fight for that.

2. Operating Water Treatment:

All sites are equipped with one or more decanters / careening and rainwater treatment systems to separate hydrocarbons, sludge, pollutants or heavy metals (in the case of) before discharge to the sea. A regular check, sometimes daily, is carried out by an independent and approved organisation on the Ph, the temperature, the concentrations in solid suspension or various pollutants (copper, zinc and arsenic). The objective is to always ensure that the contents remain below regulatory levels and without impact on the environment.



3. Careening Water Recycling:

[Monaco Marine](#) is the first shipyard to have designed a system to recycle careening water and rainwater. The principle consists in recovering the waters at the outlet of the decanter before discharge into the sea and by a system of storage buffers / filters, to recycle them in the daily operations. The system is installed on the new Antibes site, out pioneer site for "water" solutions for the group, with 3 "recycled" water terminals. This system will then be deployed on the new Beaulieu site by 2024/2025.

4. Fresh Water Generation:

Although used in several shipyards, [Monaco Marine](#) does not use "sea water" karchers which on the one hand causes premature aging of the installations, and on the other hand which disrupts the efficiency of the filters and the hydrocarbon separation capacities. In addition, regulatory measures are generally disrupted and become difficult to compare with the imposed thresholds. Also, [Monaco Marine](#) is working in partnership on the development and implementation of mobile desalinators tested for the first time in [Monaco Marine](#) shipyards and prototype Atmospheric Water Generator with low energy consumption as of 1000 m³ / day. In 2023, a first prototype has been tested and an improved prototype is planned for 2024.



5. Recovery of Gray and Black Water:

Monaco Marine shipyards are equipped to recover gray and black water from ships directly into waste water networks. Sizing of grey water recycling systems is underway and which would make it possible to reuse the water coming from showers, sinks and washing machines on board. This practice would significantly reduce the consumption of fresh water during sea travels.

In addition to actions regarding infrastructure, Monaco Marine offers its customers water management systems on board yachts, allowing precise control of water consumption and discharge. Flow sensors and water-saving devices are installed to minimize losses and optimize the use of water resources.



Finally, shipyards have always made their staff and customers aware of the importance of water sobriety and environmentally friendly practices (in particular, for example, using substitute products and processes that have been used for more than 15 years). This is a dimension that has always existed in our approach to service and ship repair.

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