

## **Press Briefing – Monaco Yacht Show 2015**

### **VEEM Ltd – Stand QS3 in Darse Sud Tent**

22<sup>nd</sup> September 2015, Perth, Western Australia

The last year has been extremely busy for VEEM. During the year we have completely redesigned, re-built, tested and sea trialed a second generation of VEEM Gyro. Whilst this has delayed early sales of the product, we believe that the effort has been very worthwhile as the VEEM Gyro is now an even better piece of equipment that will redefine what is considered possible with gyro stabilization.

Late in 2014 we had signed off the product for release and took this offering to METS 2014. We were frankly blown away by the level of interest in the product at the show. When we returned to Australia and met to discuss plans for the future, part of the conversation was around future product development options. After lengthy discussion we took the unusual decision to bring forward some of the future planned developments for the product to immediate effect. In January 2015 we embarked on a complete redevelopment of the bearing lubrication and cooling system, with the aim of drastically extending the bearing life, and reducing the already very acceptable noise levels of the product. At the time, the bearings were grease lubricated. The sound level had been formally measured at 74dBA at 1m. Given that the VG120 model produced 65% more torque than its nearest competitor, that sound level was considered to be pretty good.

Since then we have changed the bearing lubrication system from grease to oil jet. This has not been a small undertaking, as the system is required to run under vacuum to minimize the power demanded to spin the flywheel, it has to be extremely compact, easy to operate, and robustly reliable. We are very proud to announce that the new oil lubricated VEEM Gyro model range is now in series production. Bearing life has been massively extended, maintenance of the system in-place, without removing any major components is now even faster and more convenient, and the sound levels of the machine have been smashed.

The VEEM Gyro 120 has been formally sound level tested at 66 dBA at 1m from the machine! This is a completely new benchmark in quiet operation for gyro stabilizers, and stabilizers in general. Our aim was to reduce the noise level to a new benchmark low, but we never dared hope for the outcome that has been achieved.

So, now the VEEM gyro range is not only the most powerful range of gyrostabilizers available by a large margin, but also the quietest, easiest to operate and easiest to maintain.

Sea trials on a commercial vessel in the waters off Fremantle, Western Australia have now emphatically demonstrated the performance of the VEEM Gyro. In small, moderate and rough wave conditions. Interested parties are invited to witness this performance.

As announced recently, in 2015 we have also added the option of actively driven precession (ADP) to all VEEM Gyro models, for yachts with very long rolling periods. For these vessels, ADP provides a significant increase in effective stabilizing torque for

the given size of gyro installation., For most superyachts, with rolling periods less than 8 seconds, this option is not required and not recommended by VEEM. However our customers now have the choice.

Manufacturers recommended pricing for the VEEM Gyro model range is as follows:

VEEM Gyro 120: US\$225900

VEEM Gyro 260: US\$337900

VEEM Gyro 1000: US\$585900 (available 2017)

Product specifications are available at [www.veemgyro.com](http://www.veemgyro.com)

Sales enquiries should be directed to [gyro@veem.com.au](mailto:gyro@veem.com.au)

2D and 3D CAD models are available for the technical personnel to download.

VEEM Limited is a renowned manufacturer of innovative products for the tournament fishing boat, luxury motor yacht, and military and fast ferry industries. Operating from a 10500m<sup>2</sup> facility in Perth, Western Australia since 1968, the company was responsible for the very successful patented Interceptor propeller technology that allows the effective pitch of VEEM propellers to be altered, without even slipping the vessel. In addition to it's product offerings, VEEM also manufactures stabilizing fins for the US Navy LCS vessel program, Austal Ships fast ferries, and both the Australian Naval and Customs Service Patrol Boat fleets. The VEEM Gyro is the company's most recent innovative marine product development.

Details of show appearances for the VEEM Gyro can be seen on the company's website at [www.veemgyro.com](http://www.veemgyro.com)

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