

Hybrid-Marine Ltd Collaboration – Beta Marine
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Hybrid-Marine Ltd

("Hybrid-Marine" or "the Company")

Hybrid-Marine Ltd collaborates with Beta Marine for the final development, testing and marketing of a Parallel Hybrid Electric drive system

Hybrid-Marine a leading developer of Hybrid Electric drive systems, is pleased to announce that it is collaborating with Beta Marine UK for final development, assembly, test and marketing of what will be the most technically advanced and cost effective Parallel Hybrid solutions available to the market.

As part of the agreement Beta Marine will retain exclusive rights as an engine manufacturer to market and sell the Parallel Electric drive system whilst Hybrid Marine will be supplying the retro fit market and the requirements of OEM boat builders.

The system will initially be marketed to the UK Inland Waterways market with the public launch scheduled for this years Crick show (24th - 26th May) and is expected to be rolled out to the wider market at Southampton International Boat Show in September.

Graeme Hawksley, Managing Director of Hybrid-Marine commented: "After committing five years of my life to designing and developing what I believe to be some of the most innovative Hybrid Electric drive systems currently available I am delighted to be partnering with a company as well respected and forward thinking as Beta Marine. The combination of the core competencies of Beta Marine and those at Hybrid-Marine will make us a formidable force in this market area. This collaboration will enable us to bring to the mass market fully integrated, cost effective, off the shelf hybrid systems".

- ENDS -

Hybrid-Marine
Graeme Hawksley, Managing Director
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Notes to Editors

About Parallel Hybrid systems

Parallel Hybrids are unique in that rather than replacing the vessels standard diesel engine they compliment it. This approach brings key advantages including redundancy (failsafe) should either the diesel engine or the electric drive fail. The Parallel approach allows the boat owner to select either the silent and clean electric drive or for more testing conditions ie big seas and tides the more powerful traditional diesel drive. When using the diesel engine for propulsion the electric motor automatically becomes a generator recharging the batteries but also loading the diesel engine beyond the propulsion load to a point of greater operating efficiency. This is key in increasing the vessels range for a given fuel capacity. Furthermore for a sailing vessel under sail the propeller can (at the owners discretion) be allowed to rotate again providing a generator function for recharging batteries. Additional system functionality allows the system to be used as a standalone diesel generator thus removing the need for the owner to purchase a separate expensive, bulky and heavy diesel generator.

Further information at www.hybrid-marine.co.uk

About Hybrid Marine

For the past 5 years Hybrid-Marine (HM) has been researching the use of hybrid/electric technology in small marine craft. Part of this work has been funded by a grant from the UK DTI under their "Smart Award" scheme. HM has published widely and has received international recognition for its work with marine hybrids. HM's parallel hybrid system is the first commercial product to come from this research. This low cost/high feature hybrid offers the industry a step change in sophistication and ease of use. We can think of no better partner than Beta Marine for establishing the mass market for marine hybrids.

About Beta Marine

Beta Marine was established in 1987 by four Directors, Ted Spash, Andrew Growcoat, Laurance Talbot and Paul Grigg. Based in their new facility in Gloucester Beta employ 37 people. Producing marine propulsion engines and generating sets UK and worldwide Beta sell over 2000 units annually, with a turnover of around £7 million.

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