

## **Recc for Gerd Wuersig**

As Marine Program Manager for Solar Turbines Inc (a Caterpillar company) I have had the pleasure to work with Gerd quite closely for a few years. Gerd approached me with a concept to place gas turbines into the marine industry for container ship propulsion. While the idea was audacious, several different market forces were intersecting that would bring key players together to prove that the concept was quite feasible. With great enthusiasm and insight, Gerd gathered an impressive consortium with companies around the world, ABB, GTT, DNVGL, OMT, CMA CGM, Solar Turbines/Caterpillar. With the advent of IMO reducing emissions, LNG becoming a bunker fuel, and container ships growing ever larger, we set out to work through the technical and commercial aspects. While the companies formed a consortium, Gerd was the key driver.

I am confident that you will enjoy working with Gerd. I find Gerd very insightful, his enthusiasm helps infuse energy into difficult projects, his mind works through the engineering fundamentals all the time as a pragmatic “reality check” giving him the ability to make or suggest course changes when needed. Naturally if you check Gerd’s experience, you will see he has a very deep expertise in gaseous fuels. Gerd and I jointly presented at the United Nations International Maritime Organization (IMO) an analysis of future fuels for the shipping industry. While the industry is very unsettled about the future of marine fuels, Gerd was the first that I have studied to look at the question from a true economic approach which usually is the path the market takes to keep the costs of compliance as low as possible.

Whether you need Gerd for training or for research, I have found that he is a worthy and invaluable source for both.

Sincerely,

Jim Bertsch

Marine Program Manager

Solar Turbines Incorporated

For further information on the container ship project search “PERFECT Ship”

[https://www.youtube.com/watch?v=tkeP\\_Eq3Klc](https://www.youtube.com/watch?v=tkeP_Eq3Klc)

For further information on alternative fuels see the link found on Gerd’s webpage.

[https://7b7871c7-9b08-4ad5-960b-e82ba04f5c35.filesusr.com/ugd/096aa6\\_7740c234a91b44aaae2b15eba1f11ad2.pdf](https://7b7871c7-9b08-4ad5-960b-e82ba04f5c35.filesusr.com/ugd/096aa6_7740c234a91b44aaae2b15eba1f11ad2.pdf)