

## **Building services engineering and IAQ (indoor air quality) in marine applications - Proposals from Wilhelmsen Technical Solutions**

1. Energy efficiency of air handling units in the marine applications
2. Numerical modeling of ventilation of engine room and of circulation pumps
3. Reduced maintenance costs and longer life on fans and fan engines as a result of energy efficiency improvements
4. Simulations of two-way valves - the effects on the cooling system and on the air cooling plant (today it is common with the cooling system with no valves on the vessels)

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