



Keeping ships and oceans quiet

German-Greek Symposium
Piraeus,
26th September 2019

Thomas Büchler, Commercial Director



1. The company



Company: Our services

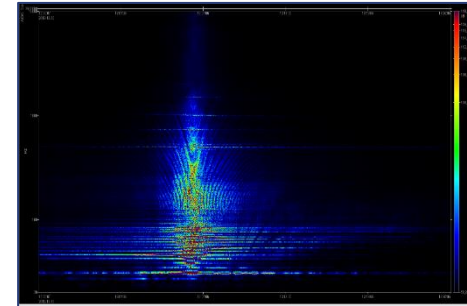


Ship-acoustics



- Onboard noise
- Airborne noise
- Underwater noise

Underwater-acoustics



- Underwater noise emissions and immissions

Company



Our people

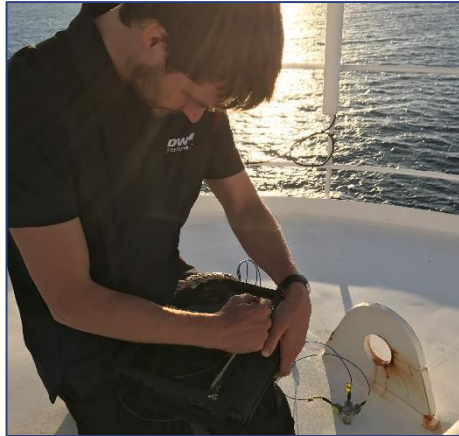


- 10 engineers (Naval Architects)

Our customers



- Shipbuilder, Shipowner, OEMs, Authorities



2. Shipacoustic services

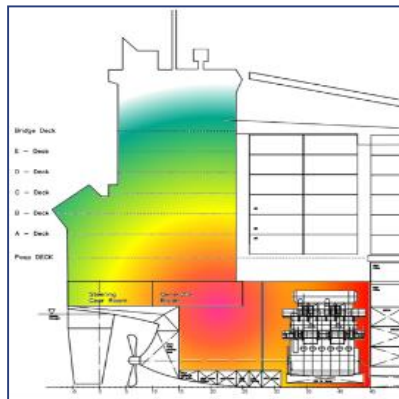


Shipacoustics



Service portfolio

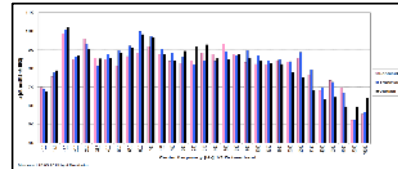
Noise prediction



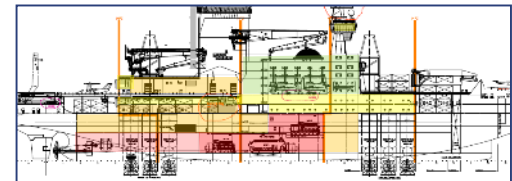
Measurements



Trouble shooting



Design recommendations



Research Vessels: Underwater noise





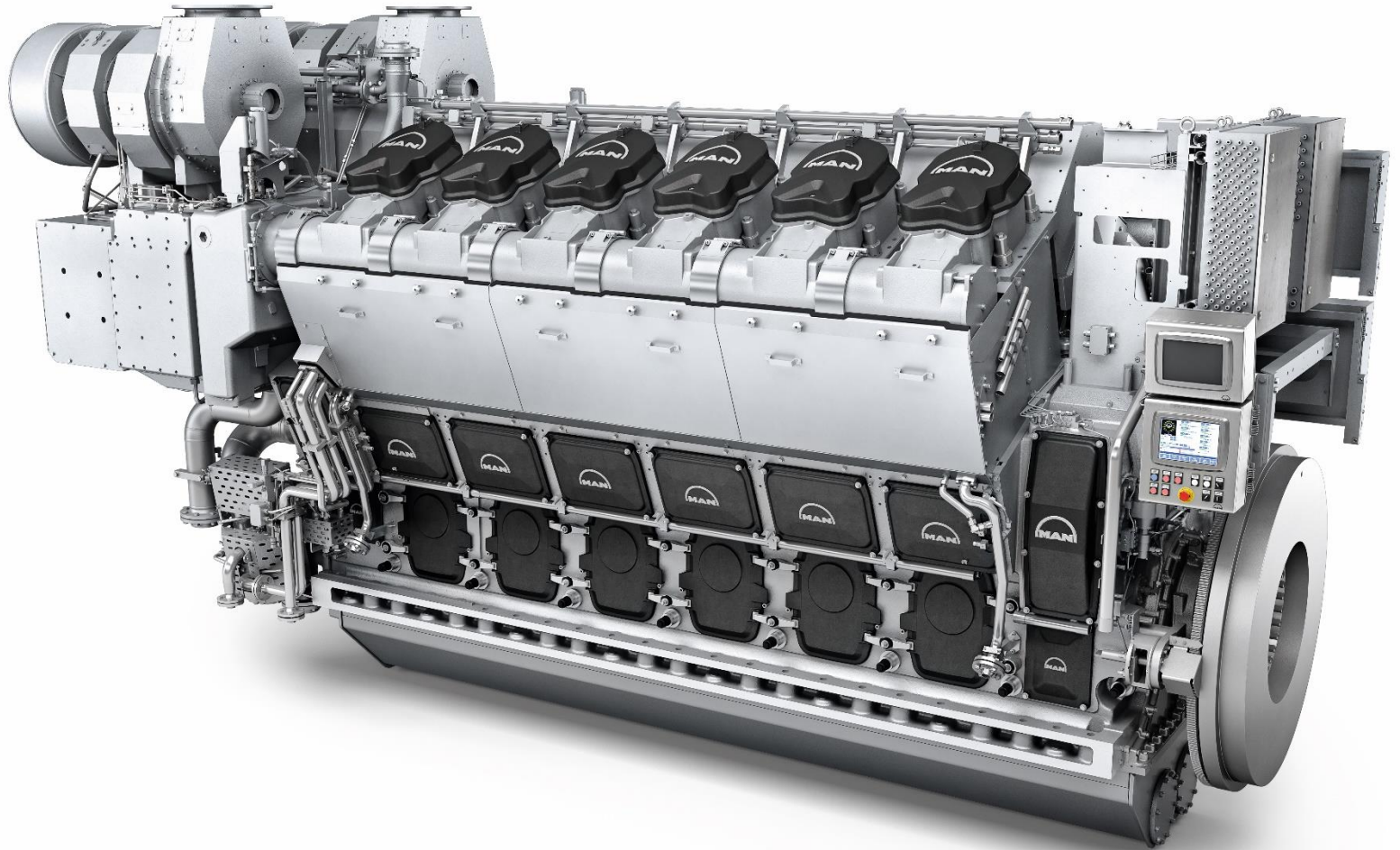
Mega Yachts: Noise on board



Cargo Vessels: Vibration problem solution



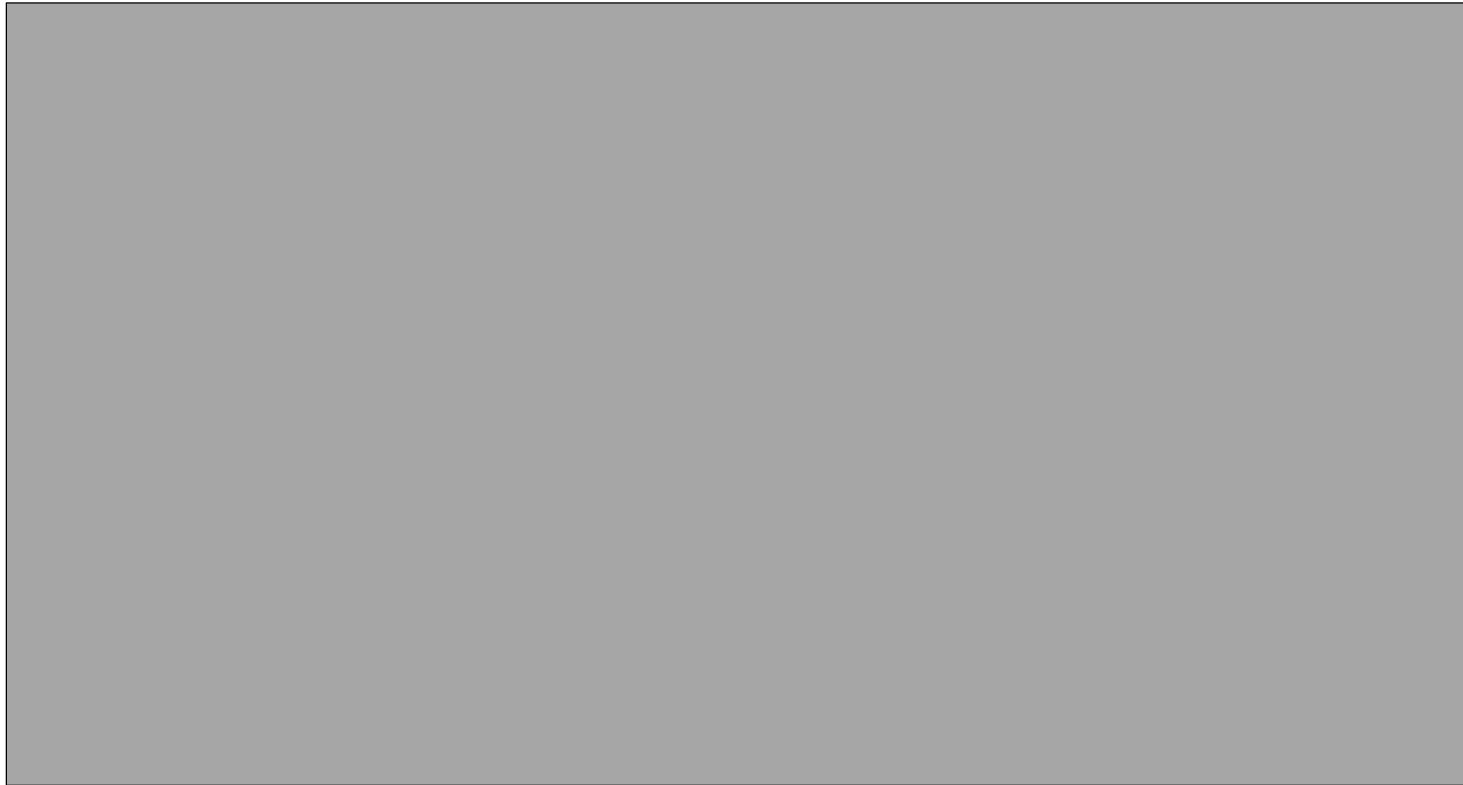
Power Systems



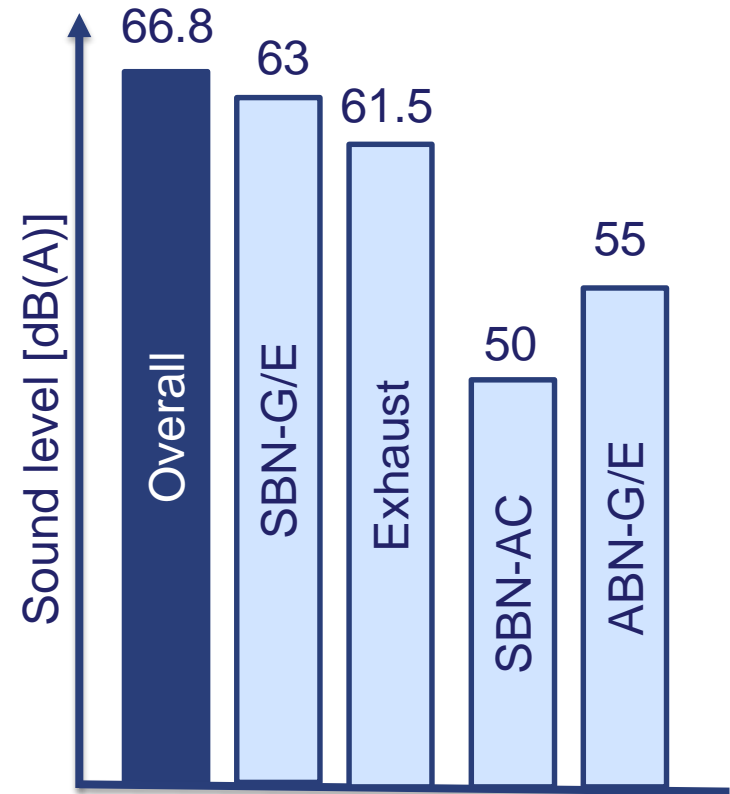
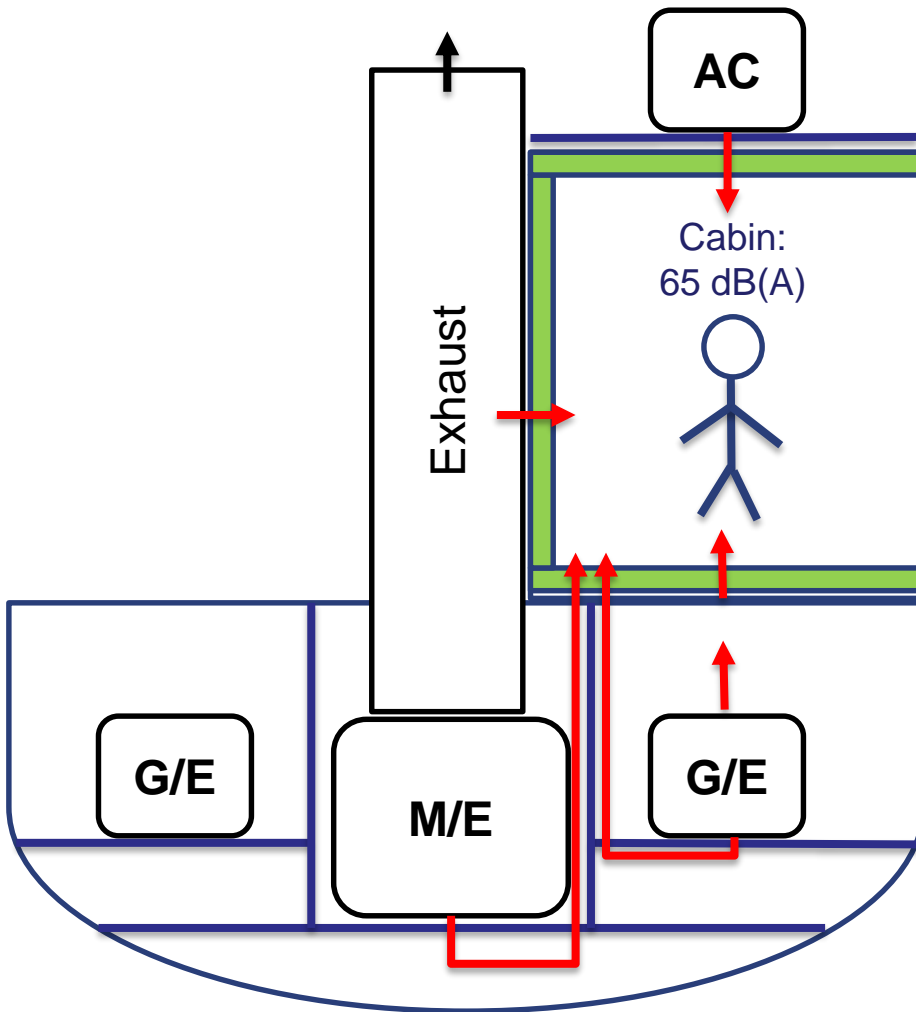
Cruise Liners

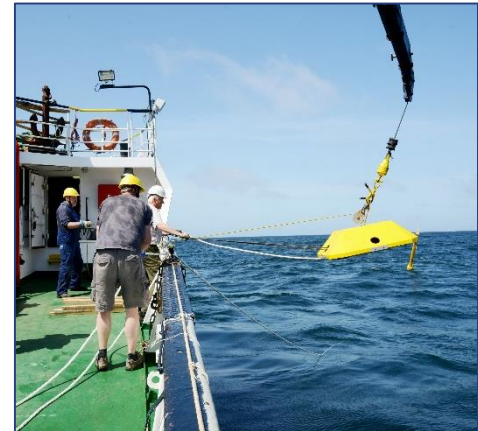
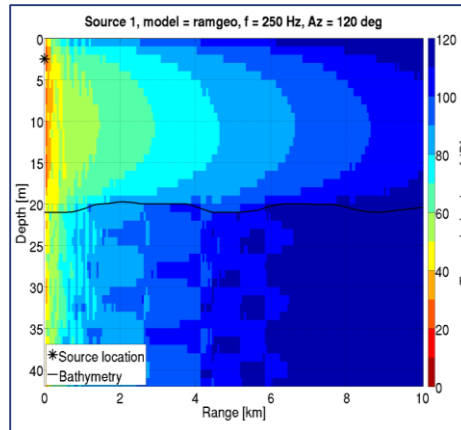


And „others“



Essence of noise control: Know source, path and contribution



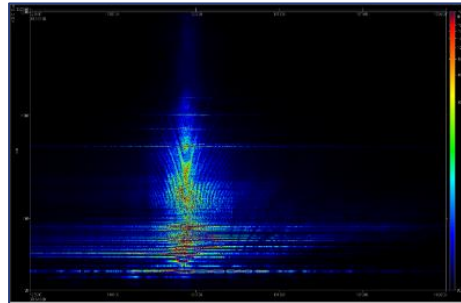
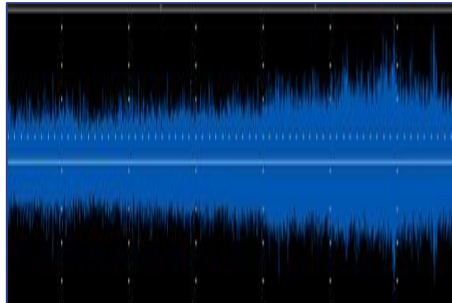


3. Underwater acoustic services



Underwater acoustics

Long term underwater
noise measurements



Noise propagation calculations

Cause-Effect Analysis



Thank you for your attention

Questions?

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