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**Press release**

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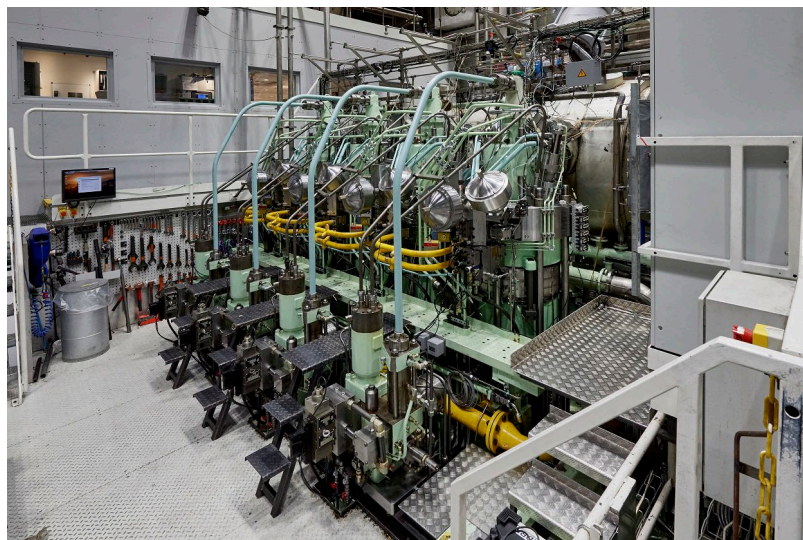
## Full-Scale Ammonia Engine Opens New Chapter

### Two-stroke engine testing in Copenhagen marks important milestone on path to dual-fuel ME-LGIA development

MAN Energy Solutions has announced that the development of its ME-LGIA (Liquid Gas Injection Ammonia) engine has entered a new phase with the commencement of testing of a full-scale, two-stroke engine running on ammonia at its RCC (Research Centre Copenhagen).

Ole Pyndt Hansen, Head of Two-Stroke R&D, MAN Energy Solutions, said: “Having already completed more than 12 months of testing on a single cylinder running on ammonia, it’s a significant milestone to be able to step up to full-scale engine testing. We have been busy with the conversion process over the past few months, including ensuring that all safety provisions work according to our requirements. We are now ready for the next phase that will focus on, among other parameters, combustion and emissions, engine-tuning, atomizer testing and control-system verification. This is provisionally set to continue until mid-2025.”

Bjarne Foldager, Head of Two-Stroke Business, MAN Energy Solutions, said: “The market is hungry for any news related to our ME-LGIA development and this, the beginning of testing on the world’s first two-stroke, full-scale ammonia engine, is a major milestone. MAN Energy Solutions is proud to be a pioneer within the new segment of ammonia engines but it is equally as important for us to show the world that we are moving forward cautiously in a reliable and safety-first way. Now is the time to develop the technology and we look forward to revealing our progress at the appropriate time.”



*The ME-LGIA research engine (4T50) at Research Centre Copenhagen*



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MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.