



KONGSBERG

Elektrifisering av Statsraad Lehmkuhl

An-Magritt T. Ryste / Head of Autonomy



1914



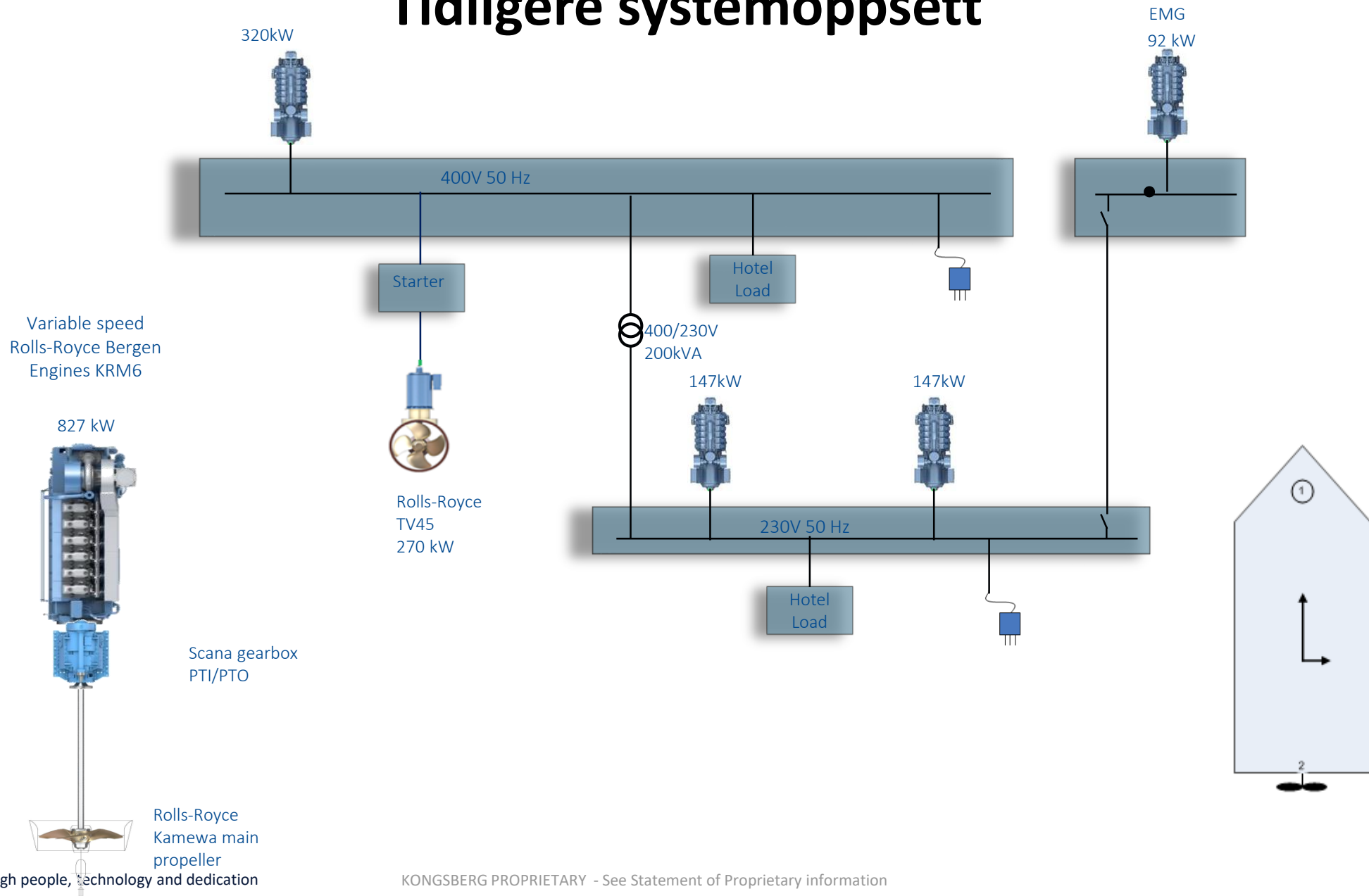
2019





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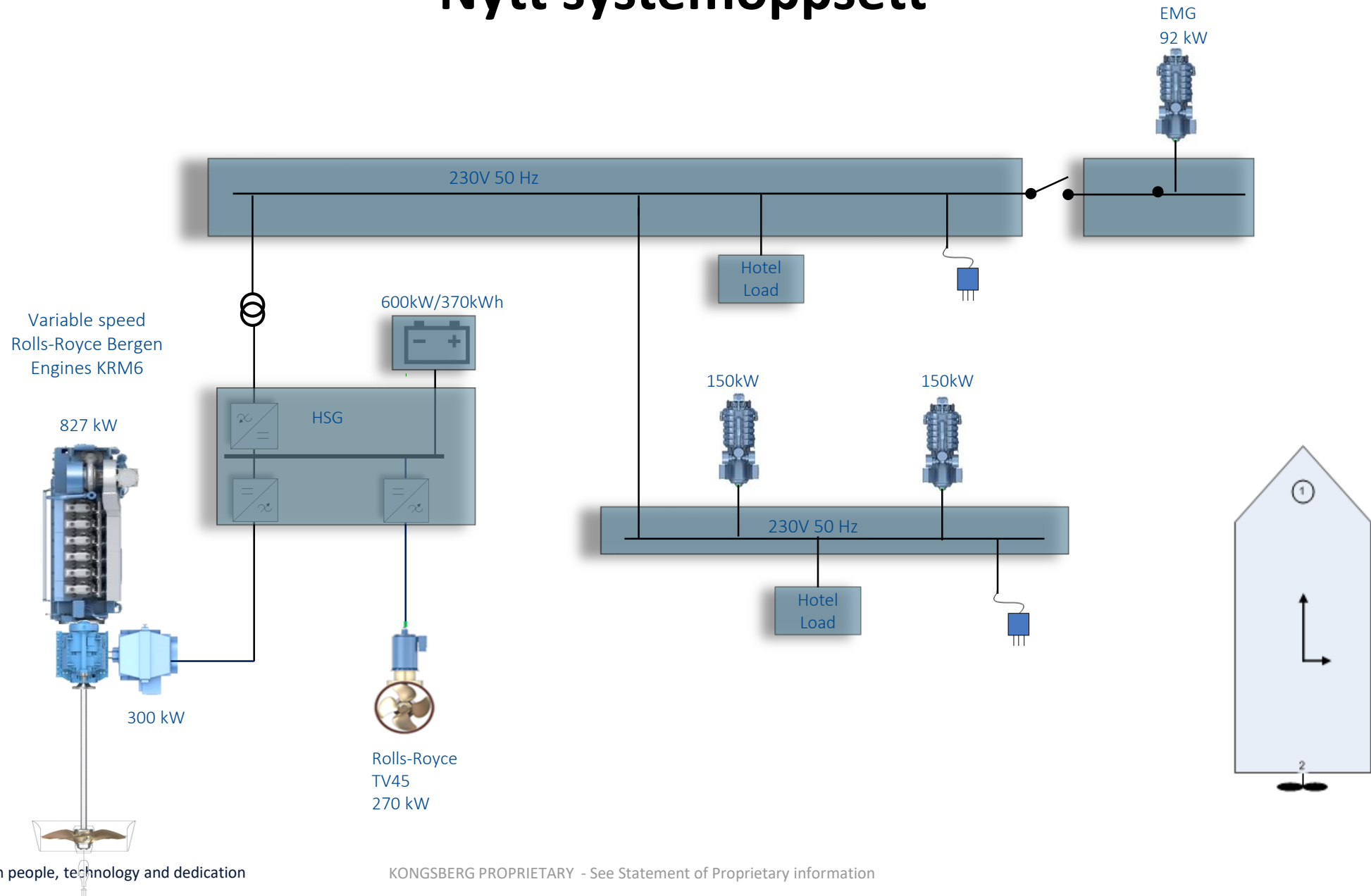
Tidligere systemoppsett





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Nytt systemoppsett





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HSG-Konseptet

Frekvenskontroll fra akselgeneratoren

Nøkkelfordeler ved de ulike modi

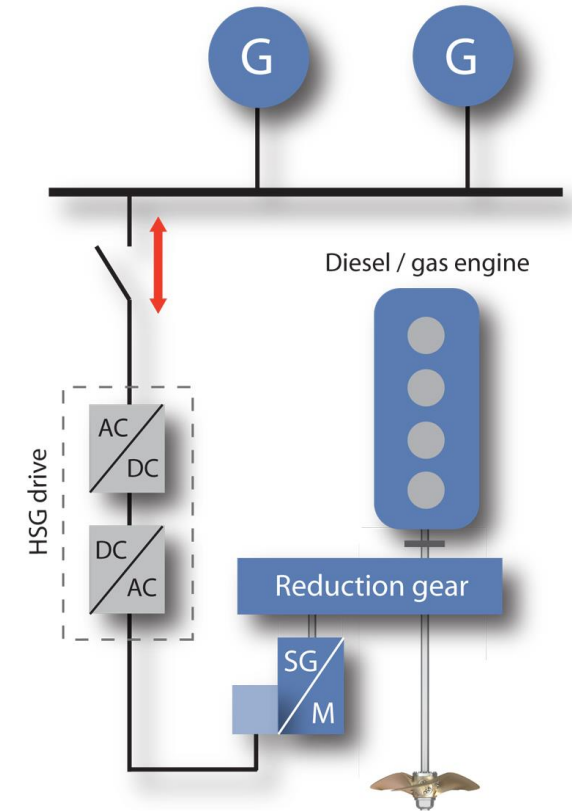
Boost modus – for maksimal hastighet

Diesel-elektrisk modus – for effektive lavere hastigheter

Parallell modus – for overskytende energi

Transit modus – for optimal effektivitet

Landtilkoblet modus – for lavere drivstofforbruk

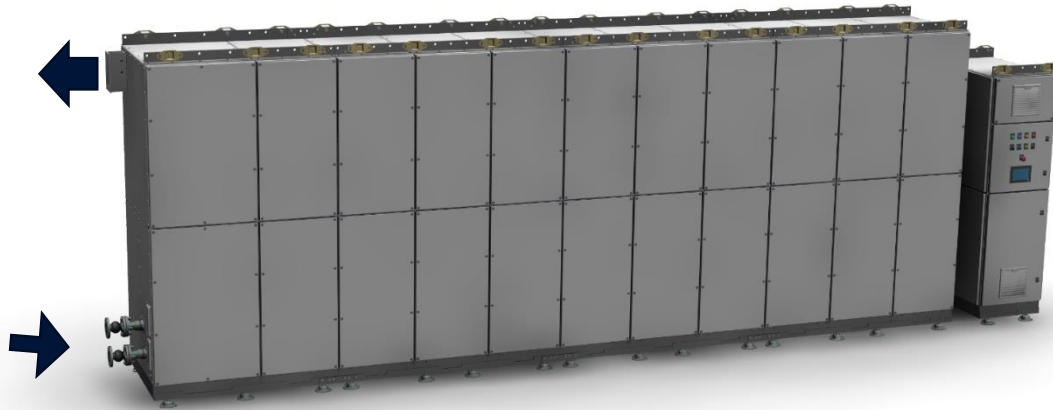


Power range	100 – 5,000 kW
Spinning	440V – 690V



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SAVe ENERGY



The Kongsberg energy storage unit (ESU) is a battery product specially designed for the Marine & Oil & Gas solutions. The key headlines in the development of the range of this product have been:

- ❖ Safe and reliable design & operation under all conditions
- ❖ Unique features (patent) in safety handling of thermal runaway
- ❖ Liquid cooled system/cabinet (Water-to-air)
- ❖ Low weight and small footprint
- ❖ Fit for marine IP54 with isolated environment in cabinet with humidity and temperature control
- ❖ Added functions in remote diagnostics and support
- ❖ Low cost and high efficiency

- ❖ 25+ MWh volume secured since certification in AP7 2018



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Fremtidsutsikt





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