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**Press release**

Zurich, 7 June 2023

## **MAN compressor technology set for Angolan gas production**

### **Order for 11 compressor trains for FPSO vessel off Angolan coast**

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Global energy infrastructure and technology provider, Yinson, has placed an order with MAN Energy Solutions for the delivery of nine centrifugal compressor trains for gas production, gas injection as well as gas lift and export for an FPSO (Floating Production Storage and Offloading) vessel. MAN will also supply an additional two screw-compressor trains to be used as Low Pressure (LP) compression units for the same vessel.

The, in total, 11 compressor trains will be deployed aboard a vessel operated by Azule Energy and located in the Agogo field about 180 kilometers west off the coast of Angola. Discovered in 2019, the field lies in Angola Block 15/06 at a water depth of approximately 1,650 m where two FPSO vessels currently already operate. Once ready for service, the third FPSO will have a daily production capacity of up to 120,000 barrels of oil equivalent.

Basil Zweifel, Senior Vice President, Sales & Project Management at MAN Energy Solutions, said: "MAN Energy Solutions is very much looking forward to working with Yinson on this large-scale project for Angola's growing energy market in which we will play an active role by providing our technology and expertise. Our state-of-the-art compression solutions are mature technology that have proven their reliability and energy efficiency in numerous FPSO projects around the globe in recent years. With this new order from Yinson, we will once again provide all complete compressor technology equipment from a single source."

### **Centrifugal compressor trains**

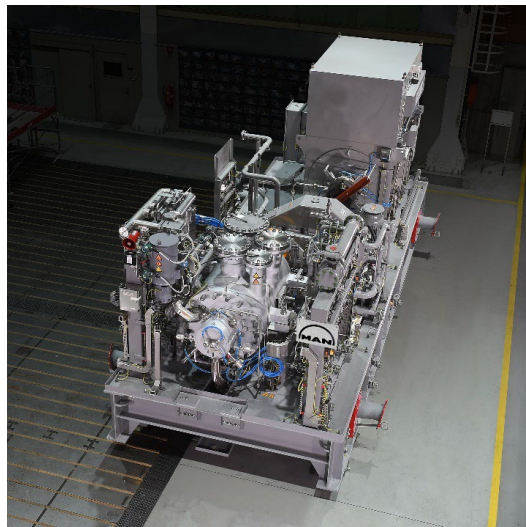
MAN Energy Solutions' scope of supply for the FPSO's gas lift, injection and export application comprises nine electrically-driven centrifugal-compression trains to maximise the gas production's flow rate and efficiency, deployed accordingly:

- three trains with type RB 45 compressors as medium-pressure systems
- three trains with type RB 35 compressors as high-pressure units
- three trains with two type RB 28 compressors each as high-pressure and gas injection units.

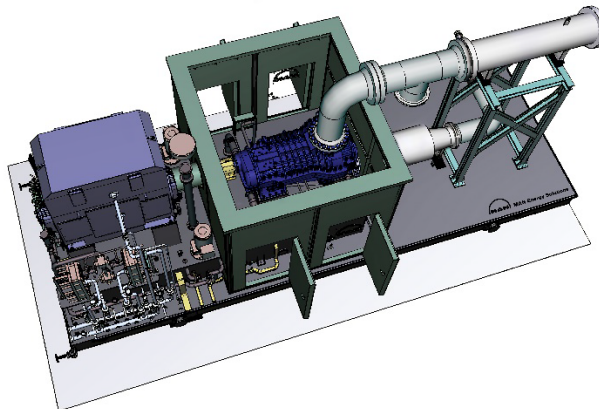
### **Screw-compressor trains**

The two electrically-driven SKUEL510 screw-compressor trains will be used as LP compression units. The resulting flash gas will be pressurised by the screw compressors and fed back into the process instead of being flared off. This process

will not only lead to more efficient gas production, but will also significantly reduce CO<sub>2</sub> emissions. All compressor trains will be ready for installation during 2024.



Radial compressor train for offshore gas production by MAN Energy Solutions



Screw compressor train as LP compression units by MAN Energy Solutions

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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.