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solution for its new, low-speed ME-GA engine, the Otto-cycle variant of its...EGR Offered For Dual-Fuel ME-GA Engine - MarineLink A marine LNG engine is a dual fuel engine that uses natural gas and bunker fuel to convert chemical energy in to mechanical energy. Due to natural gas' cleaner burning properties, the use of natural gas in merchant ship propulsion plants is becoming an option for companies in order to comply with IMO and MARPOL environmental regulations. Marine LNG Engine - Wikipedia "Instead of taking a wait-and-see approach towards decarbonisation and environmental protection, EPS decided to use LNG as a marine fuel and chose to install the two-stroke ME-GI engine in these newbuilds. When powered by LNG, the ME-GI will reduce these vessels' carbon footprint by significantly lowering CO₂, NO_x, and SO_x emissions." The Motorship | Shop test for first DF 11G90 ME-GI engine The company expects to deliver the first, commercial ME-GA low-pressure dual-fuel engine by end-2021. As previously stated, EGR will help reduce the ME-GA's methane slip by 30 to 50%, while lowering specific gas consumption by around 3% and specific fuel-oil consumption in diesel mode by 5%. EGR Offered For Dual-Fuel ME-GA Engine - Diesel & Gas ...In 2013, WinGD introduced the X-DF engine series. Dual-fuel engines, using gas admitted at low pressure and ignited by a low volume of liquid pilot fuel was a breakthrough in the marine industry. The X-DF engines offer new marine standards with low-pressure gas technology. MAN Energy Solutions has also developed an ME-LGI (-Liquid Gas Injection) dual-fuel engine that expands the company's dual-fuel portfolio, enabling the use of more sustainable fuels such as methanol and liquefied

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Exchanger N2 Compressor N2 Inter &

After Coolers Off Gas Heater
Reliquefaction GCU BOG Heater BOG
Desuperheater Cold Box BOG
Compressor N2 Cold BOG Warm BOG
Condensate Vent gas Fig. 3: Components
to be modified: ME-GI compared to an
ME engine ME-

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