

Case Title	Dual-Fuel MGE Turbocharger Cartridge Renewal
Machinery Type	2 (x) ABB TPL71-C35
Achievement Date(s)	January 2022



## **Project Details**

Aside from our main scope of the Dual-Fuel MGE technical management, our highly trained engineers are also experienced on working with Turbochargers as a service of added value, enabling us to provide a spherical work scope for a vessel's engine room components. It is common for our company to complete turbocharger cartridge renewal beside the engine overhaul. During this project, our engineers boarded a vessel during a short voyage to complete the renewal of two Turbochargers ABB TPL71-C35 Type. Among others, the following scope was achieved:

- Dismount of peripheral components such as
  - Outer/Inner compressor casings
  - Suction branch
  - Turbine diffusor
  - Cartridge in complete
- Visual inspection and measurements, followed by cleaning of the components
- Installation of the new cartridge and remodification of the peripheral parts

And More

As always, measurements and reporting was thoroughly completed throughout the renewal of the Cartridge following by a very successful operational test.