



# TWO-STROKE MARINE APPLICATIONS



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## **BWSC Panama S.A. is your one-stop shop for engine room services.**

Whether your vessel experiences an emergency while crossing the Panama Canal, or just needs an overhaul during a port of call, our team of highly experienced craftsmen, specialists and engineers is ready to assist from our conveniently located address in Panama City, Panama.

With roots that can be traced to the famed Danish shipyard, B&W, BWSC Panama S.A. is owned by the leading Japanese engineering company Mitsui E&S. Mitsui, which has designed and built two-stroke B&W engines for decades, has certified our workshop. So we can provide onshore as well as offshore services, where we support a vessel's engine room staff as needed.

### **Our two-stroke engine services include:**

- piston/liner replacement
- exhaust valve housing overhaul
- fuel oil injector and high-pressure pipe overhaul
- fuel oil pump overhauls and shock absorber service
- cooling jacket service
- overhaul of indicator valves and starting air valves
- service of starting main valve and distributor
- replacement of guide bars
- check of fuel and exhaust cams including roller guides
- port inspection

### **Classification of two-stroke engine components**

BWSC Panama S.A. will be able to assist with the classification of components, such as preparing parts for upcoming inspection by class surveyors:

- rotation of fuel oil injector and high-pressure pipe
- rotation of fuel oil pump overhauls and shock absorbers
- rotation of indicator valves and starting air valves
- turbocharger overhaul including balancing



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