



PARTIAL OVERHAULING OF MAIN ENGINE PNEUMATIC REMOTE CONTROL SYSTEM (MANOEUVRING SYSTEM)

Partial Overhauling of the Pneumatic remote control system consists of overhauling of essential pneumatic valves/cylinders involved in main engine control (start, stop, reversing ahead and astern, speed setting telegraph, from bridge, ECR and EMCY stand).

Field experience pointed out these components as essential on MAN B&W MC engines; reversing cylinders on fuel pumps and air distributor and starting valves.

- (1) Engines manufacturers recommend overhauling of pneumatic components every two years.
- (2) It is also recommended to check the functioning of the system regularly; air bottles should be drained every day, filters cleaned regularly, automatic water traps emptied, compressors must be maintained in order to minimize the content of the oil and water in the system.

Prior to the partial overhauling of Remote Control System (RCS), the client should provide engine type, number of cylinders, pneumatic drawing and valve list. If some information is not available, an approximation will be done based on PBM's experience.

Procedure of Partial Overhauling of RCS is as follows:

- Sending genuine repair kits to the vessel
- few days before the end of Dry Dock, the technicians will join the vessel in order to overhaul and test the RCS system (at sea as well, if necessary)
- overhauling consists of dismantling of pneumatic valves/cylinders, overhauling using genuine repair kits, testing of the valves with special tools, returning the valves on their position, testing/simulation of the RCS
- if during testing of RCS system, some (of non-overhauled) pneumatic valves will be found out of order, this event will be reported to responsible person on board/client

For the mentioned works and repair kits, PBM is offering 12 months Limited Warranty.

If there are some valve(s)/cylinder(s) which are impossible to overhaul due to their bad condition, the situation will be presented to the responsible on board/client, offering solution.

The partial overhauling can be done on Exchange base as well.

Packaging is included.

Transport cost is not included.

Sea trial, if necessary, will be charged additionally.

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