



OVERHAULING OF MAIN ENGINE PNEUMATIC REMOTE CONTROL SYSTEM (MANOUEVRING SYSTEM) ON EXCHANGE BASE

General:

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

Overhauling of pneumatic control of auxiliary engines' starting system can be done as well.

- (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.

Remote Control System:

Prior to the 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.

Overhauling on Exchange Base has several advantages; replacing of the valves reduces intervention time making the process suitable for very short time slot (e.g. during cargo operation), there is no possibility to face a problem with pneumatic valve which is impossible to overhaul on the vessel due to bad condition (e.g. corroded valve).

Procedure of Overhauling of RCS on Exchange Base is as follows:

- Sending pneumatic valves (overhauled and tested in PBM workshop) to the vessel prior to technicians arrival
- the technicians will join the vessel in order to replace the valves and test the RCS system (at sea as well, if necessary)
- old/used pneumatic valves should be sent to PBM workshop within 30 days from intervention
- used pneumatic valves will be overhauled in PBM workshop
- if there are some valve(s) which are impossible to overhaul due to their bad condition, the situation will be presented to the client; those valves will be charged additionally

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

Packaging is included.

Transport cost is not included.

Sea trial, if necessary, will be charged additionally.

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