

SUMMARY IN ENGLISH

During a search-and-rescue mission, the fast rescue Coast Guard boat KBV 428, powered by water jet, approached a grounded leisure craft. As the speed was to be reduced, the expected outcome failed and KBV 428 grounded and was stuck. Washing seas quickly filled the boat which subsequently was hard aground. The crew could walk ashore and assisted at the same time the two individuals from the leisure craft. All were shortly thereafter evacuated by helicopter.

The investigation shows that KBV 428 was somewhat heavier than calculated which contributed to it being filled with water that quickly. However, the increased weight was not caused by the water tight sections losing their function, but rather by substantial amount of equipment. The direct cause to the failing reverse manoeuvre is a broken actuator. This in turn eventuated as overload protection for the actuator was lacking, thus, it could work with too much power for the system. Thereto, the components in the system were not optimized for functioning together.

The occurrence is one of many of the same kind, and the Swedish Coast Guard has accordingly decided to replace the boat type in full.

Safety recommendations

Due to actions taken by the Coast Guard, SHK finds no reason to issue any safety recommendation.