

MK



MACHINERY TECHNICIAN BACK OF THE BOAT

The back of the boat crew runs what is known as the power triangle of the ship, which is the turbine room, motor gear room and the motor room. In the turbine room, they maintain the 3 Pratt and Whitney turbines that put out 25,000 shaft horsepower a piece. Heavy icebreaking would not be possible without them. In the motor gear room are the 3 reduction gears which convert the high rpms of the turbines into low rpm with very high torque power. In the motor room is the controllable pitch propeller system which controls the angle of the blades on the propellers. FN Evans does the daily work in the motor room, FN Beasley handles the daily work in the motor gear room and MK3 Ruth is the 3rd class petty officer in charge. MKC Martineau and Mk1 Bessett do a fine job of supervising the entire operation.



Front Row, L-R: FN Beasley, FN Evans. Back Row, L-R: MK3 Ruth, MKC Martineau, MK1 Bessett.