

Description of block diagram of transmitting circuit board for *4D-BOAT*

The 9V voltage from the stack-up battery is stabilized and fed to the one-chip computer and directly to the high frequency oscillation circuit and the high frequency amplifying circuit.

When the manipulator handle is operated, the left and right manipulation potentiometers or switches generate and feed control signals to the one-chip computer. The one-chip computer synthesizes such signals into encoding signals and control signals then feeds them to the high frequency oscillating and the high frequency amplifying circuit. The modulated high frequency amplitude modulation signals are transmitted via the antenna.