The DAE is a direction finder. It is a superheterodyne receiver covering the frequency range of 240 to 2000 kc. The input power is 115 volts 60 cps although accessories are available for inputs of 24, 32 or 115 volts DC. The direction finder loop is separate from the receiver for installations aboard ship. The intermediate frequency is 175 kc. The input is from the loop and sense antenna. The output is to head phones of 600 ohm impedance. A BFO is provided for CW reception, but no AVC is available.