SSM-33
A full duplex electro-mechanical non-synchronous signal mixer which consists of one "transmit" and one "receive" position operating independently of each other in either text or cipher position. Mixing is accomplished by the introduction of a key by a CSP-2699 (read from a one-time key tape) which is mixed with the plain language at the transmitting terminal. Subtraction of the key by the mixer unit reproduces the plain language at the receiving terminal.

The SSM-33 has highly undesirable radiation characteristics. As rapidly as feasible, it (and the associated CSP-2699) will be replaced by the HW-10 and HW-19A equipments.

Note: The SSM-3 is a half-duplex version of the SSM-33.