

ABSTRACT

CLOSE PROXIMITY WEAPON ID SYSTEM

A Close Proximity Weapon ID System comprising an ID Chip, Airborne Scanner and Portable Scanner. The ID chip, attached to the surface of a store, upon receipt of a transmission of a certain format, shall respond by transmitting a low power, close range, coded signal containing its ID information and pre-programmed data parameters and the said ID chip derives its operating power from the received transmission. The airborne scanner, mounted on the aircraft, is able to establish communication with all the ID chips within the range of operation and read their ID information and associated data parameters. The portable scanner, for use on the ground, communicates with the ID chips fitted onto the stores loaded on the aircraft or in ground storage areas.