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Programmable data message generation system

Inventor: Lopez;
Pablo M.
Waldorf
MD

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Secretary
of the Navy
Washington
DC

Abstract

Signal messages to loads such as a missile weapon system, are transmitted as bipolar signals through high load communication lines at high voltage levels and within a wide operating frequency range. Such signal messages are based on digital data mixed by a multiplexer with computer controlled voltage level inputs and programmable frequencies to produce the bipolar signals of high voltage capable of driving loads as low as 50 ohms.