PROJECT APOLLO TASK MSC/TRW E-9

BIPHASE MODULATED WAVEFORM ANALYSIS PROGRAM PROGRAM NO. HVO13A USER'S MANUAL

HCC REPORT NO. 3141-60.31

10 APRIL 68

Prepared by

Carl A. Argila
Communication Systems

Programming Group

Approved by

W. P. Bennett, Head Subsystems Analysis Section

ABSTRACT

The Biphase Modulated Waveform Analysis program accepts an arbitrary PCM-NRZ code and produces a phase, amplitude and power spectrum analysis of the biphase modulated wave which is modulated by this PCM-NRZ code. The program also has the capability of generating its own random PCM-NRZ code of specified length. This program is written in FORTRAN V for use with the SRU 1108 system.