



DECUS

PROGRAM LIBRARY

DECUS NO.	FOCAL8-54
TITLE	CHANNEL INFORMATION AND INVERTED HISTOGRAM PLOT
AUTHOR	Thomas J. Ford
COMPANY	White Mountain Regional High School Whitefield, New Hampshire
DATE	Submitted: February 5, 1970
SOURCE LANGUAGE	FOCAL

CHANNEL INFORMATION AND INVERTED HISTOGRAM PLOT

DECUS Program Library Write-up

DECUS No. FOCAL8-54

ABSTRACT

This program will accept up to 36 channels of information stored as A (I) during 'T' passes. It will then plot an inverted histogram using the symbol 'C 3', spacing through vacant channels, and subtracting one count till all channels are vacant.

[illegible]

*W

C-FOCAL, 1969

10.05 A ?T N?;F Q=1,T;T !;F I=1,N;A " ",L;S A(I)=A(I)+L
10.10 T !!!!!!!!!!!

12.05 S K=0;F I=1,N;I (A(I))12.1,12.1;T "[";S A(I)=A(I)-1
12.10 T " ";S K=K+1
12.15 T !;I (K-N+1)12.05,12.05;T !!!!!!!!!!!;Q

FLOWCHART OF PROGRAM OPERATION:

A / SET T N

S Q=1 T ! NO Q>T YES

S I=1 S Q=Q+1

A:L S A(I)=A(I)+L , NO I>N YES

S I=I+1

T !!!!!!!!!!!

T "[" S K=0

S A(I)=A(I)-1

T " " A(I)≤0 S I=1

S K=K+1 NO T !!!!!!!!!!!

S I=I+1 I>N QUIT NO

T ! K-N+1≤0 YES

