

DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

PLOTSEGY V1.0: A DOS Graphics Program to Display SEG-Y Disk-Image Seismic Data

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Open-File Report 92-349B

Although this program has been extensively tested, the Geological Survey can not guarantee that it will give accurate results in all applications nor that it will work on all computer systems.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Geological Survey.

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This open-file report (OF92-349B) contains four 5.25 inch floppy disks containing the PLOTSEGY executable image, source code and a sample data set. The complete documentation is contained in open-file OF92-349A.

### DISK CONTENTS

Disk	Subdirectory	Files
1	SOURCE	PSGYMAIN.C INITPLTR.C GETINFO.C GETPLT.C PLOTDATA.C PSGYLIB.C SEGYLIB.C PLTSGY.H SEGYLIBH.H
1	EXE	PLOTSEGY.EXE
1	NONE	README.1ST (THIS FILE)
2-4	NONE	"SLICED" SAMPLE SEG-Y DATA FILE - 624-79.SGY

### SYSTEM REQUIREMENTS

PLOTSEGY was developed in C using Borland C/C++ 3.0 on an ALR BusinessVEISA using a 33 Mhz Intel 80386 processor, an 80387 math coprocessor, and MS-DOS 4.01.

PLOTSEGY requires the following hardware and software requirements:

- \* Intel 80286 or higher processor. An 80386 or greater is strongly recommended.
- \* Video card capable of EGA, VGA, or Hercules displays.
- \* DOS 3.0 or later.
- \* A hard disk drive or CD-ROM containing the input file(s).
- \* A math coprocessor is NOT required, but will be used if available and is strongly recommended.

A color monitor is strongly recommended. Monochrome displays may possibly be improved by starting PLOTSEGY using the black and white option:

```
C:\> PLOTSEGY -bw
```

This will also convert a color display to black and white.

## **DISCLAIMER**

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