

Command Summary

Mouse button names

Source Dest Select

Keypad key names

Alpha Beta Move Draw Fine

Mark Placement and Selection

Source	Place <i>source</i> mark on 1 inch grid.
Fine+Source	Place <i>source</i> mark on fine grain grid (see ^G command).
Alpha+Source	Place <i>source</i> mark at nearby point (if any).
Beta+Source	Place <i>upper</i> mark.
Dest	Place <i>dest</i> mark on 1 inch grid.
Fine+Dest	Place <i>dest</i> mark on fine grain grid (see ^G command).
Alpha+Dest	Place <i>dest</i> mark at nearby point (if any).
Beta+Dest	Place <i>lower</i> mark.
Select	Clear selections, select nearest item.
Alpha+Select	Add nearest item to selection.
Beta+Select	Remove nearest item from selection.
Alpha+Beta+Select	Clear selections, select all items in the box defined by place where Select went down and where it came up.

Operations

Draw	Draw a line from the <i>source</i> mark to the <i>dest</i> mark.
Alpha+Draw	Move <i>dest</i> mark to line up with <i>source</i> in either <i>x</i> or <i>y</i> , then draw from <i>source</i> to <i>dest</i> .
Beta+Draw	Delete current selections.
Alpha+Beta+Draw	Undelete recent deletion (to a depth of 4).
Move	Move current selections from <i>source</i> to <i>dest</i> .
Alpha+Move	Move <i>origin</i> mark to current value of <i>source</i> .
Beta+Move	Zoom <i>upper</i> to top corner, scale so <i>lower</i> remains on screen. This command removes both <i>upper</i> and <i>lower</i> from the picture.
Alpha+Beta+Move	Zoom back with [0,0] in to corner, scale as per ^M command.
Draw+Move	Copy current selection from <i>source</i> to <i>dest</i> .

Alpha+Beta+Move+Draw

No operation (to change your mind).

Keyboard Commands

^B	Blowup	[1..4]	Shrink line widths in press file for subsequent blowup of picture.
^D	Dashes	2, 4, 6, S	Draw Solid lines or dashes with ratio of black/white of 2, 4, or 6.
^F	Font	S or L	Set current font to small (Helvetica 8) or large (Helvetica14).
^G	Grain	[0..4]	Set fine grain to 1/(2**n) inches.
^I	Input	filename	Read a picture from the named file.
^K	Kill		Resets the current picture to empty.
^L	LabelMode	P or L	Insert labels in Portrait or Landscape mode.
^O	Output	filename	Write current picture to the named file.
^M	Min-mag	[0..4]	Set minimum number of screen dots per inch to (2**n).
^P	Press	filename	Make a press file of the current picture. If <i>upper</i> or <i>lower</i> are in the picture, they limit the region printed, and <i>lower</i> is adjusted (if necessary) to restrict the picture to 8"x10". If readjustment of <i>lower</i> is not necessary, this command removes both <i>upper</i> and <i>lower</i> from the picture.
^Q	Quit		Return to the exec.
^R	Redraw Selections		Redraw selected lines with the current width and dashedness; redraw selected labels in the current font.
^S	Scale	[2..16]	Output scale in 1/16ths of inch per foot.
^T	Ticks		Turn on (off) ticks at 24 screen dot intervals.
^W	Width	[1..4]	Set width for drawing lines.
DEL			Cancel command
LF			Repaint picture.
text			Start a label, on CR insert into picture at <i>source</i> .