BAR FILL

PURPOSE
Specifies if a bar is drawn with a fill pattern on subsequent plots.

DESCRIPTION
See the documentation for the BAR command for a description of the various types of bar charts that DATAPLOT can generate. DATAPLOT can fill bars with either a solid pattern or one of several hatching patterns. Hatch patterns are specified with the BAR PATTERN command. If no hatch pattern is specified, solid fills are generated. See the documentation for the BAR PATTERN command for a list of available hatch patterns. Bar fills are specified by trace. All bars belonging to the same trace will have the same bar fill switch.

SYNTAX
BAR FILL <ON/OFF> <ON/OFF> <ON/OFF> etc.
where ON specifies that the bar will be filled and OFF specifies that the bar will not be filled. Up to 100 bar fill switches can be specified.

EXAMPLES
BAR FILL ON OFF ON OFF
BAR FILL OFF OFF ON
BAR FILL ON ALL
BAR FILL ALL ON
BAR FILL

NOTE 1
See the documentation for BAR DIMENSION for details on how to set the fill switches for 3d bars.

NOTE 2
The BAR FILL command with no arguments sets the bar fill to default for all traces. The BAR FILL command with the word ALL before or after the specified fill assigns that bar fill to all traces. Thus BAR FILL ON ALL or BAR FILL ALL ON plots all bars with a fill pattern.

DEFAULT
All bars are not filled (i.e., OFF).

SYNONYMS
None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
CHARACTERS	=	Sets the character types for plot points.
LINES	=	Sets the line types for plot points.
SPIKES	=	Sets the on/off switches for plot spikes.
BAR	=	Sets the on/off switches for bars on plots
BAR BASE	=	Sets the base locations for plot bars.
BAR FILL COLOR	=	Sets the colors for bar fills.
BAR DIMENSION	=	Sets the bar dimensions to 2d or 3d.
BAR DIRECTION	=	Sets the bar directions to horizontal or vertical.
BAR PATTERN	=	Sets the types for bar fill patterns.
BAR PATTERN COLOR	=	Sets the colors for bar fill patterns.
BAR PATTERN LINE	=	Sets the line types for bar fill patterns.
BAR PATTERN SPACING	=	Sets the line spacings for bar fill patterns.
BAR PATTERN THICKNESS	=	Sets the line thicknesses for bar fill patterns.
BAR BORDER COLOR	=	Sets the colors for bar border lines.
BAR BORDER LINE	=	Sets the types for bar border lines.
BAR BORDER THICKNESS	=	Sets the line thicknesses for bar border lines.
BAR WIDTH	=	Sets the widths for plot bars.

APPLICATIONS
        Presentation Graphics

IMPLEMENTATION DATE
        Pre-1987

PROGRAM
        LET CARTER = DATA 66 30 11 43 44 41 35 82 54 36
        LET REAGAN = DATA 26 54 84 47 51 51 52 14 36 55
        LET X = DATA 1 2 3 5 6 7 8 10 11 12
        LET X1 = X - 0.4; LET X2 = X + 0.4
        .
        HORIZONTAL SWITCH ON
        YLIMITS 1 12; YTIC OFFSET 1 1
        MINOR Y1TIC MARK NUMBER 0
        Y1TIC MARK LABEL FORMAT ALPHA
        Y1TIC LABEL CONTENT DEMOCRATS INDEPENDENTS REPUBLICANS SP() EAST ...
                SOUTH MIDWEST WEST SP() BLACKS HISPANICS WHITES SP()
        X1LABEL PERCENT; XLIMITS 0 100
        MAJOR XTIC MARK NUMBER 11
        MINOR XTIC MARK NUMBER 1
        LINE BLANK ALL; BAR ON ON
        BAR FILL ON ALL
        BAR WIDTH 0.2 ALL
        TITLE DEMONSTRATE BAR FILL
        TITLE SIZE 5
        PLOT CARTER X1 AND
        PLOT REAGAN X