

## SEQUENCE

### PURPOSE

Specifies that a sequence number be automatically inscribed in the upper right corner of subsequent plots.

### DESCRIPTION

This command is useful for the ordering of the plot hardcopies after a session where many plots have been generated.

### SYNTAX

SEQUENCE <ON or OFF> <start>

where ON specifies that sequence numbers are generated on subsequent plots and OFF specifies that they are not; and <start> specifies a starting number for the sequence (only used if ON specified).

### EXAMPLES

```
SEQUENCE ON
SEQUENCE OFF
SEQUENCE
SEQUENCE ON 11
```

### NOTE

SEQUENCE ON with no <start> specified is equivalent to SEQUENCE ON 1. SEQUENCE with no arguments is equivalent to SEQUENCE ON 1.

### DEFAULT

Sequence numbers are not generated.

### SYNONYMS

None

### RELATED COMMANDS

PLOT	=	Generates a data or function plot.
BELL	=	Sets the automatic bell switch for plots.
PRE-ERASE	=	Sets the automatic pre-erase switch for plots.
HARDCOPY	=	Sets the automatic copy switch for plots.
RING	=	Rings the bell (immediately).
ERASE	=	Erases the screen (immediately).

### APPLICATIONS

Plot identification

### IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
. POLLUTION SOURCE ANALYSIS, LLOYD CURRIE, DATE--1990
. SUBSET OF CURRIE.DAT REFERENCE FILE
LET ID2 = DATA 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2
LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
SEQUENCE ON
MULTIPLY 2 2; MULTIPLY CORNER COORDINATES 0 0 100 100
TITLE SCATTER PLOT; X1LABEL LEAD; Y1LABEL POTASSIUM
LINE BLANK ALL; CHARACTER CIRCLE; CHARACTER FILL ON
PLOT POT LEAD
CHARACTER CIRCLE SQUARE; CHARACTER FILL OFF ALL
TITLE SCATTER PLOT WITH GROUPS
LEGEND 1 CIRC() - GROUP 1; LEGEND 2 SQUA() - GROUP 2
LEGEND FILL ON; LEGEND FONT DUPLEX
PLOT POT LEAD ID2
CHARACTER CIRCLE CIRCLE SQUARE SQUARE; CHARACTER FILL OFF ON OFF ON
LET X = SEQUENCE 1 1 17
LEGEND 1 CIRC() - POTASSIUM; LEGEND 2 SQUA() - LEAD
X1LABEL SEQUENCE; Y1LABEL; TITLE CHARACTER FILL REPRESENTS GROUP ID
PLOT POT X ID2 AND
PLOT LEAD X ID2
CHARACTER BLANK ALL; LINE SOLID DASH
SEGMENT 1 COORDINATES 16 85 19 85; SEGMENT 2 COORDINATES 16 81 19 81
SEGMENT 2 PATTERN DASH
TITLE MULTIPLE TRACES AS LINES
PLOT POT LEAD VS X
END OF MULTIPLY
```

