

ALGOL 60 SYNTACTICAL CHART

This chart depicts the complete syntax of ALGOL as published in the "Report on the Algorithmic Language ALGOL 60" which appeared in the May, 1960, issue of *Communication of the ACM*, and includes the character set used in the representation of ALGOL 60 for the Burroughs B 5000 Information Processing System.

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Burroughs Corporation

DETROIT 32, MICHIGAN

In Canada: Burroughs Business Machines, Ltd., Toronto, Ontario

BURROUGHS B 5000 INFORMATION PROCESSING SYSTEM

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This chart employs flow-diagram techniques as a means of concisely describing the complete syntax of ALGOL 60. The form of every possible construct in ALGOL 60 appears on this chart (the extensions to ALGOL 60 included in the B 5000 representation are not shown). All ALGOL formulations are composed of basic symbols and metalinguistic variables.

Horizontal arrows are used to connect the basic symbols and metalinguistic variables which form a definition.

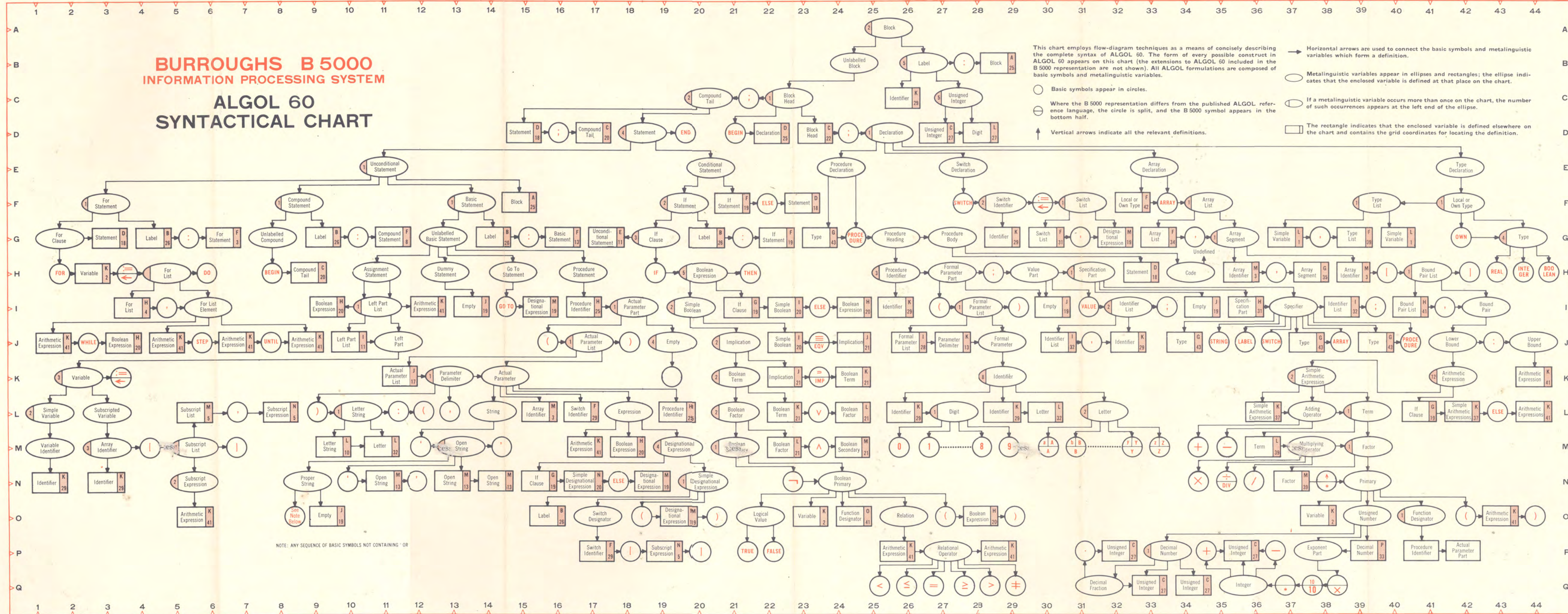
Metalinguistic variables appear in ellipses and rectangles; the ellipse indicates that the enclosed variable is defined at that place on the chart.

Basic symbols appear in circles.

Where the B 5000 representation differs from the published ALGOL reference language, the circle is split, and the B 5000 symbol appears in the bottom half.

Vertical arrows indicate all the relevant definitions.

The rectangle indicates that the enclosed variable is defined elsewhere on the chart and contains the grid coordinates for locating the definition.



NOTE: ANY SEQUENCE OF BASIC SYMBOLS NOT CONTAINING <OR