



Licensed Program Specifications

IBM Overlay Generation Language/370 Release 1.0 Program Number 5688-191

IBM Overlay Generation Language/370 (OGL/370) supplies a method for creating electronic forms for printing on IBM's family of Advanced Function Page Printers. It creates AFPDS objects that are stored for future use with Print Services Facility.

OGL/370 provides the following functions:

- **Rules**—Customers can create vertical and horizontal rules, which can be solid, dashed, or dotted. Rules can be repeated anywhere on the overlay.
- **Boxes**—Customers can create boxes, which can also be solid, dashed, or dotted. Boxes may have either square or rounded corners. Boxes can be repeated anywhere on the overlay.
- **Circles**—Customers can create full circles, quarter circles, and half circles. These can be solid, dashed, or dotted. Circles can be repeated anywhere on the overlay.
- **Paths**—Customers can create a path by specifying two or more points on the overlay. The path, which can be solid, dashed, or dotted, joins the points that were specified. Connections between segments of the path can be mitered or rounded. Paths can be repeated anywhere on the overlay.
- **Line thickness**—Customers can specify the thickness of rules, paths and borders for boxes and circles as light, medium, or bold.
- **Rotation of overlays**—Customers can rotate an overlay to any of four orientations (0°, 90°, 270°, or 270°).
- **Shading**—Customers can select from 32 levels of shading with two different shade patterns for boxes, circles, and closed paths.
- **Graphics**—Customers can include existing page segments (stored images) as well as specifying new pel patterns within the overlay definition.
- **Font selection**—Customers can specify both fixed and proportional fonts. Fonts ranging in size from 4 to 36 points for the 3800 Model 3 and Model 8 and from 4 to 72 points on the 3812, 3816, 3820, 3825, 3827 and 3835 Page Printers can be printed. Multiple fonts can be combined within the same line of text. Both double and single byte character sets are supported, except for the 3800 Models 3 and 6, the 3812 and the 3816, which are single byte only.
- **Text placement**—Customers can place text in boxes and circles with characters going from left to right or top to bottom. Text can also be rotated, underlined, balanced, and justified.

Specified Operating Environment: Machine Requirements

OGL/370 operates on any IBM processor that is supported by the system control programs listed below.

OGL/370 supports the following IBM Advanced Function Printers:

- 3800 Models 3 and 6 - Single Byte Character Sets Only
- 3800 Model 8
- 3812 Model 2 - Single Byte Character Sets Only
- 3816 Model 01S - Single Byte Character Sets Only
- 3820
- 3825
- 3827
- 3828
- 3835
- 3900

Programming Requirements

OGL/370 requires that one of the following system control programs be installed on the processor on which it is to operate:

- VM/SP 5.0 or later. VM/SP HPO 5.0 (or later), VM/XA SP 2.0 (or later) or VM/ESA 1.0 (or later) are required if the customer desires to have double byte messages returned to the screen.
- MVS/SP 1.3.0 or later
- MVS/SP 2.2.0 or later
- MVS/SP 3.1.0 or later
- VSE/SP 3.2.0 or later
- VSE/ESA 1.1.0 or later

To print an overlay defined with OGL/370, a currently supported version of Print Services Facility (PSF) must be installed on the processor that controls the printer on which the overlay is to be printed.

Licensed Program Materials Availability

Restricted Materials - No. This licensed program is available without source licensed program materials. It is available in object code only.

Supplemental Terms: *Testing Period*

- Basic License: Two months
- DSLO License: Not applicable.

Installation/Location License

- Installation License applies.

Usage License

- Not applicable.

Type/Duration of Program Services

- Central service will be available until discontinued by IBM with a minimum of 6 months written notice.



References in this publication to IBM products, programs or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM product, program, or service is not intended to state or imply that only IBM's product, program, or service may be used. Any functionally equivalent program that does not infringe any of IBM's intellectual property rights may be used instead of the IBM product, program, or service.

Any other documentation with respect to this licensed program, including any documentation referenced herein, is provided for reference purposes only and does not extend or modify these specifications.

October 1990

G544-3697-00

