COMPUTER SOFTWARE OCCUPATIONAL GROUP

#### COMPUTER ASSOCIATE (SOFTWARE)

#### DUTIES AND RESPONSIBILITIES

This class of positions encompasses technical or supervisory responsibilities for the design, implementation, enhancement and maintenance of computer applications, systems or data base programming and/or data communications systems performed at various levels of difficulty and with various degrees of latitude for independent initiative and judgement. There are three assignment levels within this class of positions differing according to the complexity and sophistication of the hardware and software systems and the amount of supervision required. The following are typical assignments within this class of positions. All personnel perform related work.

# ASSIGNMENT LEVEL I

LIJ, S CIA - APM.

Under direct supervision, with moderate latitude for independent action or the exercise of independent judgement, is responsible for the maintenance, design, installation, and enhancement of either Data Base Management Systems, Operating Systems, Data Communication Systems, Applications, and/or related software functions. May supervise staff performing these functions.

### ASSIGNMENT LEVEL II

51.199

HAM D

Under general supervision, with considerable latitude for independent initiative and judgement, may supervise a unit or group of subordinate employees engaged in the maintenance, design, installation or enhancement of either Data Base Management Systems, Operating Systems, Data Communications Systems, Applications Systems and/or related software functions; or may perform work of complex, technical difficulty as an individual contributor on a major project.

# ASSIGNMENT LEVEL III

54.681

103.7

Under direction, with broad scope for independent initiative and judgement, may supervise a unit, group or large division of subordinate staff engaged in the maintenance, design, installation or enhancement of either Data Base Management Systems, Operating Systems, Data Communication Systems, Applications Systems and/or related software functions; or may perform highly complex difficult technical work as an individual contributor of a major project.

#### QUALIFICATION REQUIREMENTS

 A baccalaureate degree from an accredited college and three (3) years of satisfactory full-time paid experience in either Systems Analysis, Computer Programming, Data Base Management, Systems Programming or Data Communications.

# COMPUTER ASSOCIATE (SOFTWARE) (Cont'd.)

## QUALIFICATION REQUIREMENTS (Cont'd)

- An associate degree from an accredited college or completion of two

   (2) years of study (60 credits) at an accredited college and five
   (5) years of satisfactory full-time paid experience as described under subdivision 1; or
- 3. High school graduation or evidence of having passed an examination for a high school equivalency diploma and seven (7) years of satisfactory full-time paid experience as described under subdivision 1: or
- 4. Education and/or experience equivalent to "1", "2", or "3" above. However, all candidates must possess the three years of satisfactory full-time paid experience as described above.

### DIRECT LINES OF PROMOTION

From: Computer Programmer Analyst (13651)

TO: Computer Specialist
(Software)
(13632 )

Computer Systems Manager (10050)