# Object module format (Beck):

## Header record:

|  |  |  |
|---|---|---|
| Column | 1: | H |
|  | 2-7: | CSECT name |
|  | 8-13: | Starting address of CSECT (hex) |
|  | 14-19: | Length of CSECT in bytes (hex) |

## Refer record:

|  |  |  |
|---|---|---|
| Column | 1: | R |
|  | 2-7: | Name of external symbol referenced in this CSECT |
|  | 8-73: | Names of other external symbols referenced in this CSECT |

## Define record:

|  |  |  |
|---|---|---|
| Column | 1: | D |
|  | 2-7: | Name of external symbol defined in this CSECT |
|  | 8-13: | Relative location of symbol in this CSECT (hex) |
|  | 14-73: | Repeat of information in columns 2-13 for any other external symbols |

## Text record:

|  |  |  |
|---|---|---|
| Column | 1: | T |
|  | 2-7: | Starting address (in this CSECT) for the object code in this record |
|  | 8-9: | Length of object code in this record in bytes (hex) |
|  | 10-69: | Object code, represented in hexadecimal (each byte of object code requires two columns) |

## Modification record:

|  |  |  |
|---|---|---|
| Column | 1: | M |
|  | 2-7: | Relative address (in this CSECT) of field to be modified (hex) |
|  | 8-9: | Length of field to be modified, in *half-bytes* (hex) |
|  | 10: | Modification flag (+ or -) |
|  | 11-16: | External symbol whose value is to be added to or subtracted from the indicated field |

## End record:

|  |  |  |
|---|---|---|
| Column | 1: | E |
|  | 2-7: | If the first executable instruction for the program is in this CSECT, its address (hex) |