

Three logical drives

Typical SYSGEN menu:

The configuration for the destination disk is:

```
Media = RIGID,          <---
Type = (not applicable),
Number of sides = 4,
Step code = 0,
Directory cylinder = 25,
Sectors per granule = 16,
Granules per cylinder = 8,
Directory file size = 30,
Cylinder offset = 0,
Head offset = 0,
Number of cylinders = 51.
```

THIRD LOGICAL:
Sides = 4, Sectors/Gran = 16, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 102, Head offset = 0, Number of cylinders = 51.

Typical SYSGEN menu:

The configuration for the destination disk is:

```
Media = RIGID,          <---
Type = (not applicable).
Number of sides = 4,
Step code = 0,
Directory cylinder = 25,
Sectors per granule = 16,
Granules per cylinder = 8,
Directory file size = 30,
Cylinder offset = 102,
Head offset = 0,
Number of cylinders = 51.
```

HARD DISK SETUP for MODEL 4 80/64

Head offset is not possible for this rigid drive when it is partitioned into three logical drives. Note the number of Sectors/Gran is 16 for both two and three logical drive cylinder-offset partitioning. You will also see that the number of Sectors/Gran is 16 for cylinder-offset partitioning into four logical drives.

Four logical drives

CYLINDER OFFSET Directory Cylinder = 19
FIRST LOGICAL:
Sides = 4, Sectors/Gran = 16, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 0, Head offset = 0, Number of cylinders = 38.

Typical SYSGEN menu:

The configuration for the destination disk is:

Logical drive = 3, Left arrow = previous choice.
Physical drive = 0, Right arrow = next choice.
Media = RIGID, <ENTER> when configuration is set.
Type = (not applicable),
Number of sides = 4,
Step code = 0,
Directory cylinder = 19,
Sectors per granule = 16,
Granules per cylinder = 8,
Directory file size = 30,
Cylinder offset = 0,
Head offset = 0,
Number of cylinders = 38.

SECOND LOGICAL:
Sides = 4, Sectors/Gran = 16, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 38, Head offset = 0, Number of cylinders = 38.

THIRD LOGICAL:
Sides = 4, Sectors/Gran = 16, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 76, Head offset = 0, Number of cylinders = 38.

FOURTH LOGICAL:
Sides = 4, Sectors/Gran = 16, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 114, Head offset = 0, Number of cylinders = 39.

HEAD OFFSET

Directory Cylinder = 76

FIRST LOGICAL:

Sides = 1, Sectors/Cran = 4, Crans/Cyl = 8, Directory file size = 30,
Cylinder offset = 0, Head offset = 0, Number of cylinders = 153.

Typical SYSGEN menu:

The configuration for the destination disk is:

Logical drive = 3,
Physical drive = 0.

Left arrow = previous choice.
Right arrow = next choice.
<ENTER> when configuration is set.

```
Media = RIGID,          <---
Type = (not applicable),
Number of sides = 1,
Step code = 0,
Directory cylinder = 76,
Sectors per granule = 4,
Granules per cylinder = 8,
Directory file size = 30,
Cylinder offset = 0,
Head offset = 0,
Number of cylinders = 153.
```

SECOND LOGICAL:

Sides = 1, Sectors/Gran = 4, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 0. Head offset = 1. Number of cylinders = 153.

THIRD LOGICAL:

Sides = 1, Sectors/Gran = 4, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 0, Head offset = 2, Number of cylinders = 153.

FORTH LOGICAL:

Sides = 1, Sectors/Gran = 4, Grans/Cyl = 8, Directory file size = 30,
Cylinder offset = 0, Head offset = 3, Number of cylinders = 153.

Typical SYSGEN menu:

The configuration for the destination disk is:

Logical drive = 6,
Physical drive = 0,

Left arrow = previous choice.
Right arrow = next choice.
<ENTER> when configuration is set.

```
Media = RIGID,      <---
Type = (not applicable),
Number of sides = 1,
Step code = 0,
Directory cylinder = 76,
Sectors per granule = 4,
Granules per cylinder = 8,
Directory file size = 30,
Cylinder offset = 0,
Head offset = 3,
Number of cylinders = 153.
```

HARD DISK SETUP for MODEL 4 60/64

A less efficient head offset configuration, but necessary if planning to add an additional 5 meg drive.

FIRST LOGICAL:

Sides = 1, Sectors/Gran = 8, Grans/Cyl = 4, Directory file size = 30,
Cylinder offset = 0, Head offset = 0, Number of cylinders = 153.

Typical SYSGEN menu:

The configuration for the destination disk is:

Logical drive = 3, Left arrow = previous choice.
Physical drive = 0, Right arrow = next choice.
 <ENTER> when configuration is set.

Media = RIGID, <---
Type = (not applicable),
Number of sides = 1,
Step code = 0,
Directory cylinder = 76,
Sectors per granule = 8,
Granules per cylinder = 4,
Directory file size = 30,
Cylinder offset = 0,
Head offset = 0,
Number of cylinders = 153.

SECOND LOGICAL:

Sides = 1, Sectors/Gran = 8, Grans/Cyl = 4, Directory file size = 30,
Cylinder offset = 0, Head offset = 1, Number of cylinders = 153.

THIRD LOGICAL:

Sides = 1, Sectors/Gran = 8, Grans/Cyl = 4, Directory file size = 30,
Cylinder offset = 0, Head offset = 2, Number of cylinders = 153.

Typical SYSGEN menu:

The configuration for the destination disk is:

Logical drive = 5, Left arrow = previous choice.
Physical drive = 0, Right arrow = next choice.
 <ENTER> when configuration is set.

Media = RIGID, <---
Type = (not applicable),
Number of sides = 1,
Step code = 0,
Directory cylinder = 76,
Sectors per granule = 8,
Granules per cylinder = 4,
Directory file size = 30,
Cylinder offset = 0,
Head offset = 2,
Number of cylinders = 153.

FORTH LOGICAL:

Sides = 1, Sectors/Gran = 8, Grans/Cyl = 4, Directory file size = 30,
Cylinder offset = 0, Head offset = 3, Number of cylinders = 153.