

**Appendix  
D**

**WORKSHOP**

*Get on the  
Fast Track!*



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**SYS-ED/  
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**Workshops 1**

Given:

A logical record length of 230 bytes.

A control interval (CI) size of 1024.

Calculate the following:

1. How many records can fit in a CI?
2. How many records can fit on a cylinder of a 3390 disk?
3. Repeat the calculations with a CI size of:
  - a. 4096 bytes
  - b. 4608 bytes
  - c. 5120 bytes
  - d. 8192 bytes
4. Explain the differences.

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**Workshop 2**

1. How many bytes are wasted in the CI freespace example?
  
2. Calculate #1 with a 105 bytes record.  
How many records can fit in a CI?  
What percentage must be specified to leave enough room for 2 records to be inserted?  
How many bytes are wasted?
  
3. Recalculate #2 with a CI size of 4096.  
How many records can fit in a CI?  
How many are set aside using the same percentage as in #2?  
How many bytes are wasted?

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**1 Workshop 3**

Listcats:

Generate a LISTCAT for data.

1. What kind of a file is it?
2. What is the data CI size?
3. What is the data CA size?
4. How many CI/CA?
5. How many records on the file?
6. What the primary extent is full, what size secondary will VSAM obtain?
7. How many records could fit on this file?
8. How much freespace exists on the file?
9. How much freespace is currently requested?
10. How might this situation have been created?
11. What kind of activity has been done against the file?