

COMPUTER SYSTEMS LABORATORY
WASHINGTON UNIVERSITY
ST. LOUIS, MO. 63110

LINC Document No. 36

March 1974

LAP6A Configuration Summary

M. A. Wilkes

Abstract

The standard configuration of LAP6A, and configurations 1-21 are available as described upon receipt of a marked tape.

The Computer Systems Laboratory is supported in part by the Advanced Research Projects Agency of the Department of Defense under contract SD-302, and in part by the Division of Research Facilities and Resources of the National Institutes of Health under grant FR-00396.

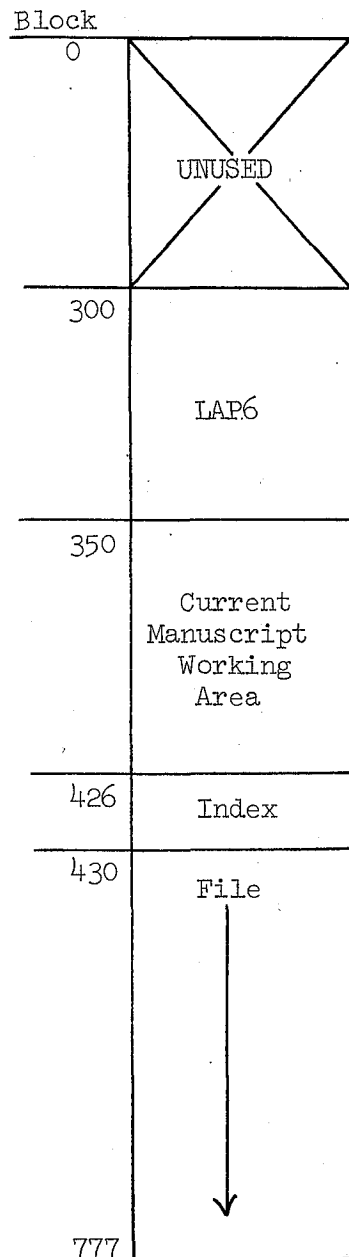
	Block
 File	0
 UNUSED	270
LAP6	300
Current Manuscript Working Area	350
Index	426
File 	430
	777

STANDARD
Unit 0

Block	
0	 File
270	 UNUSED
300	LAP6
350	Current Manuscript Working Area
426	Index
430	File 
777	

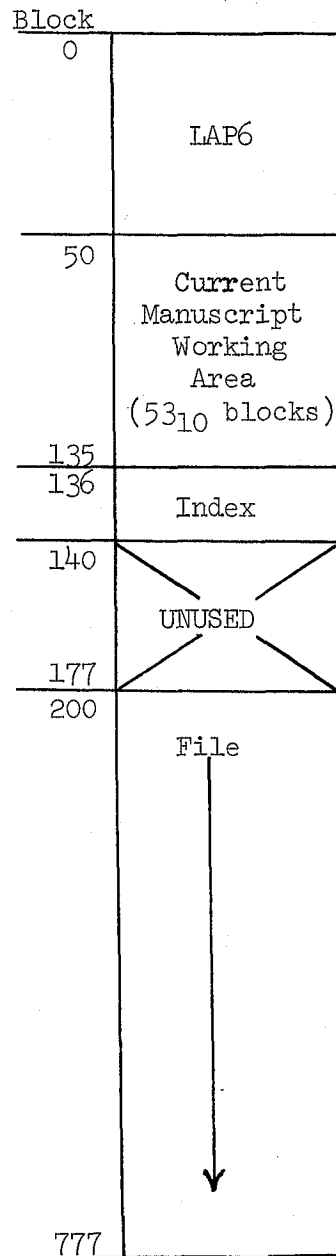
Configuration 1
Unit 1

Configuration 1 is identical to the Standard configuration, except that it must be run from Unit 1.



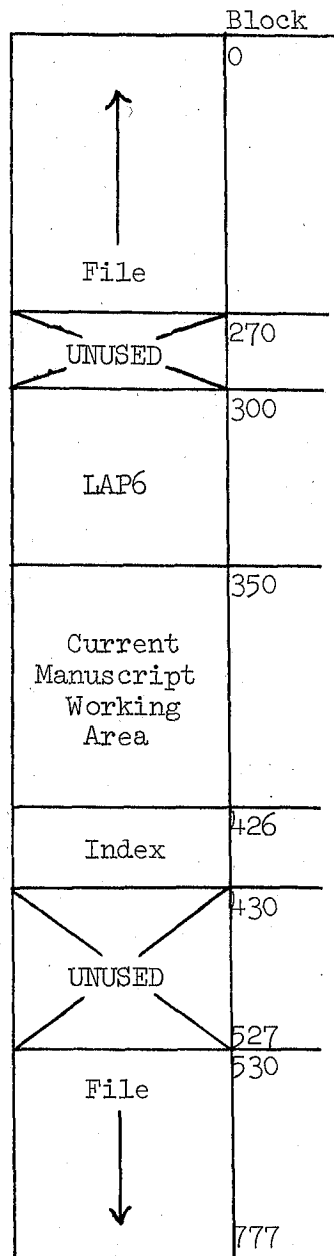
Configuration 2
Unit 0

Configuration 2 is identical to the Standard configuration except that it has no reserved file area below LAP6.



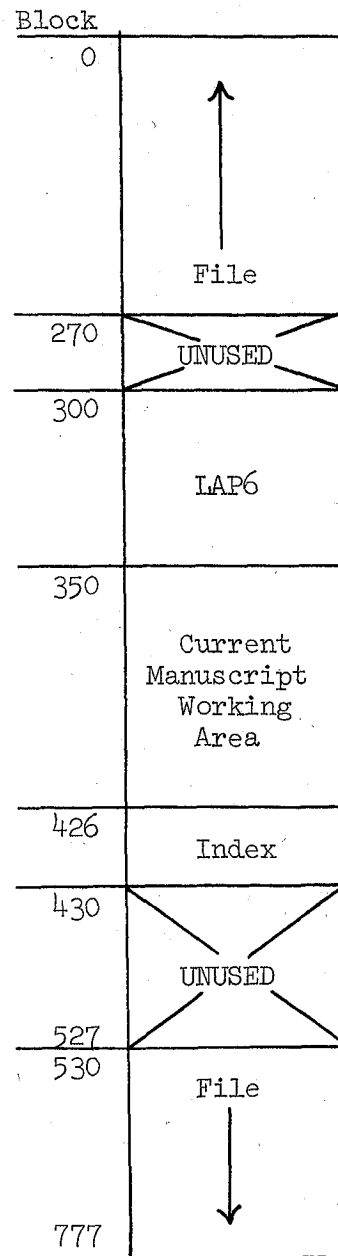
Configuration 3
Unit 1

Configuration 3 differs from the Standard configuration in all respects. Since it will file only sequentially, and is faster to load, this configuration may be useful for constructing files of binary programs or data.



Configuration 4
Unit 0

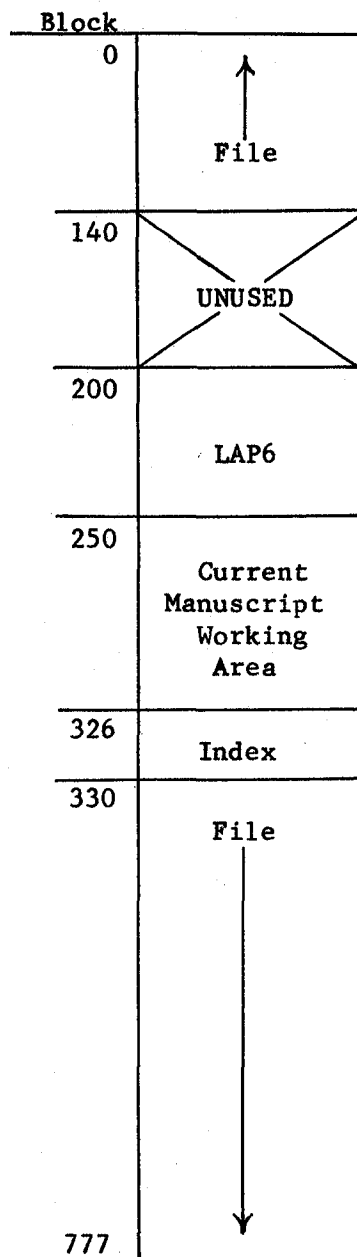
Configuration 4 is identical to the Standard configuration, except that blocks 430-527 are UNUSED.



Configuration 5
Unit 1

Configuration 5 is identical to configuration 4, except that it must be run from Unit 1.

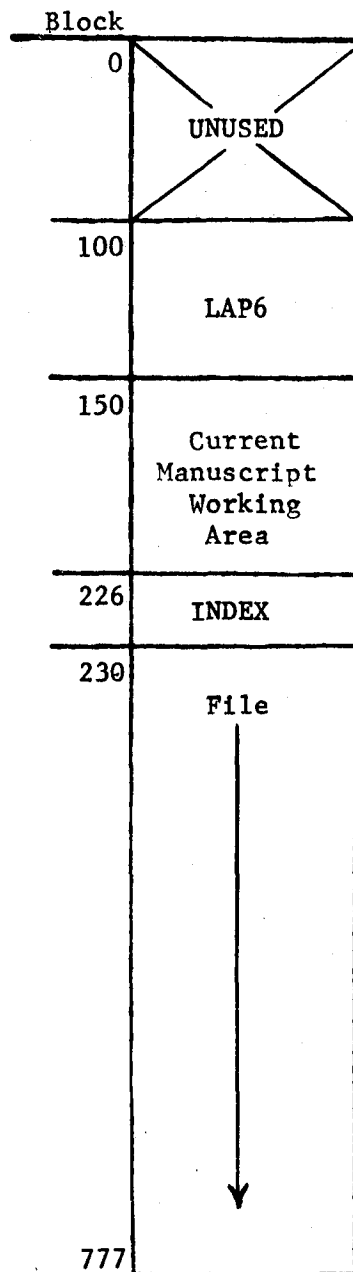
LAP6



Configuration 6 Unit 0

Configuration 6 differs from the Standard configuration of LAP6 in all respects, and has 40₈ UNUSED blocks below LAP6. Run configuration 6 from Unit 0.

LAP6



Configuration 7 Unit 0

Configuration 7 differs from the standard configuration in all respects, and has 100₈ UNUSED blocks below LAP6. Run configuration 7 from Unit 0.

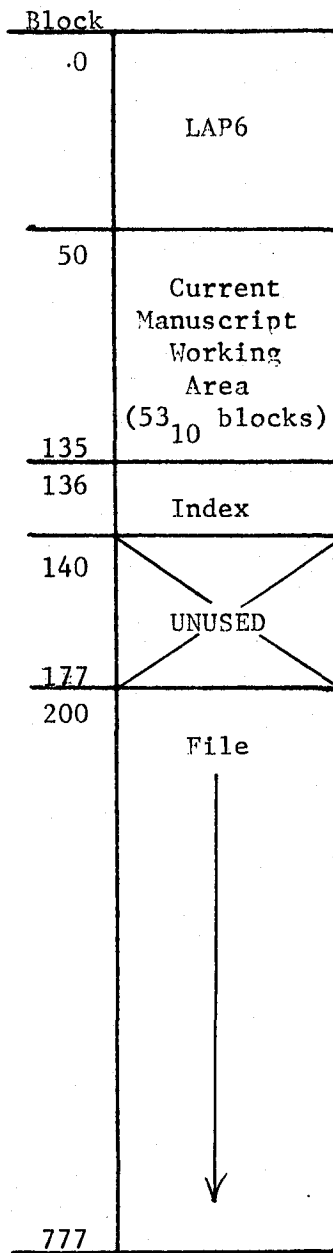
LAP6

Block	
0	LAP6
50	Current Manuscript Working Area (53 ₁₀ blocks)
135	
136	Index
140	File ↓
777	

Configuration 8
Unit 0

Configuration 8 is identical to Configuration 3 except that it has no UNUSED area and runs from Unit 0. Since it will file only sequentially, and is faster to load, this configuration may be useful for constructing files of binary programs or data.

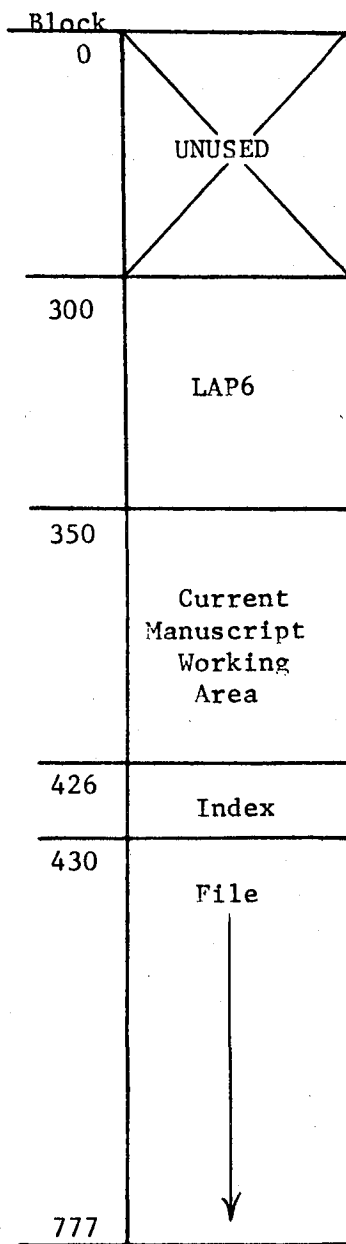
LAP6



Configuration 9
Unit 0

Configuration 9 is identical to Configuration 3 except that it is run from Unit 0.

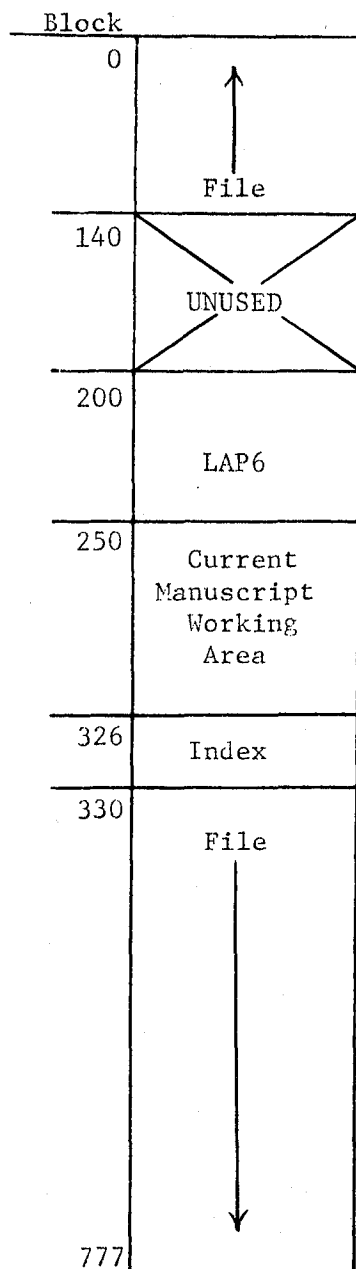
LAP6



Configuration 10
Unit 1

Configuration 10 is identical to Configuration 2 except that it is run from Unit 1.

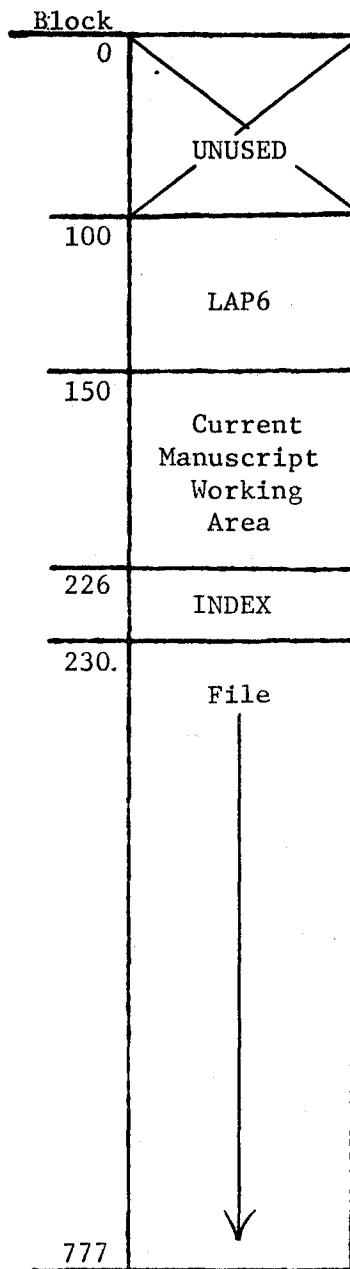
LAP6



Configuration 11
Unit 1

Configuration 11 is identical to configuration 6, except that it must be run from Unit 1.

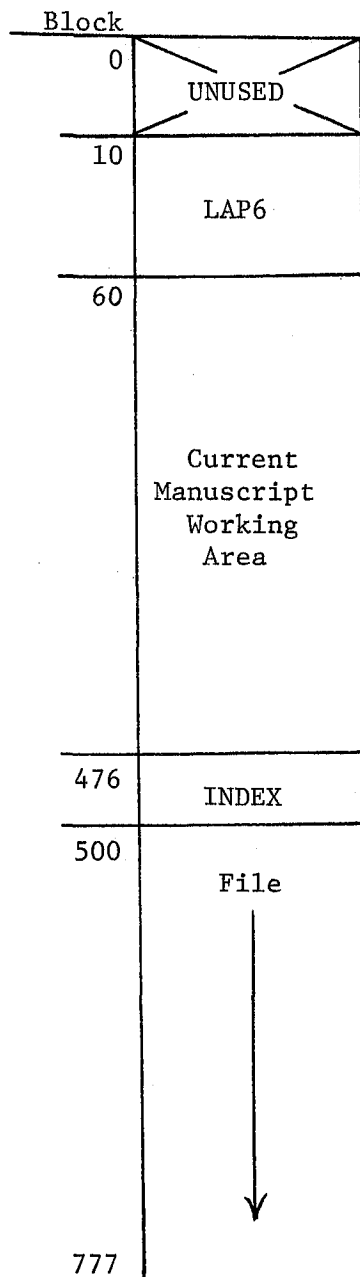
LAP6



Configuration 12
Unit 1

Configuration 12 is identical to configuration 7, except that it must be run from Unit 1.

LAP6



Configuration 13 Unit 0

Configuration 13 differs from the Standard configuration in all respects, and has 416₈ blocks of working area. Run configuration 13 from Unit 0.

	Block
↑ File	0
UNUSED	270
LAP6	300
Current Manuscript Working Area	350
Index	426
File ↓	430
	777

Configuration 14
Unit 4

Configuration 14 is identical to the Standard configuration, except that it must be run from Unit 4.

Block	
0	↑ File
270	UNUSED
300	LAP6
350	Current Manuscript Working Area
426	Index
430	File ↓
777	

Configuration 15
Unit 5

Configuration 15 is identical to the Standard configuration, except that it must be run from Unit 5.

LAP6

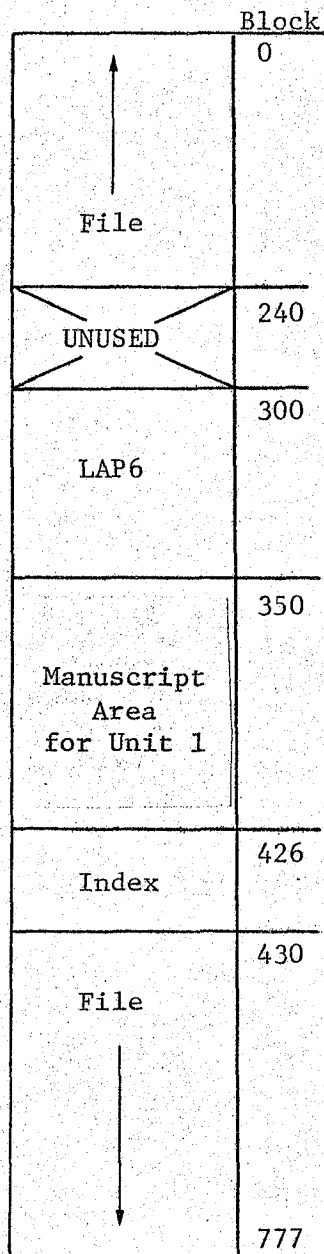
Block	
Unused	0
LAP6	10
Current Manuscript Working Area	60
INDEX	76
File	100
	777

Configuration 16
Unit 0

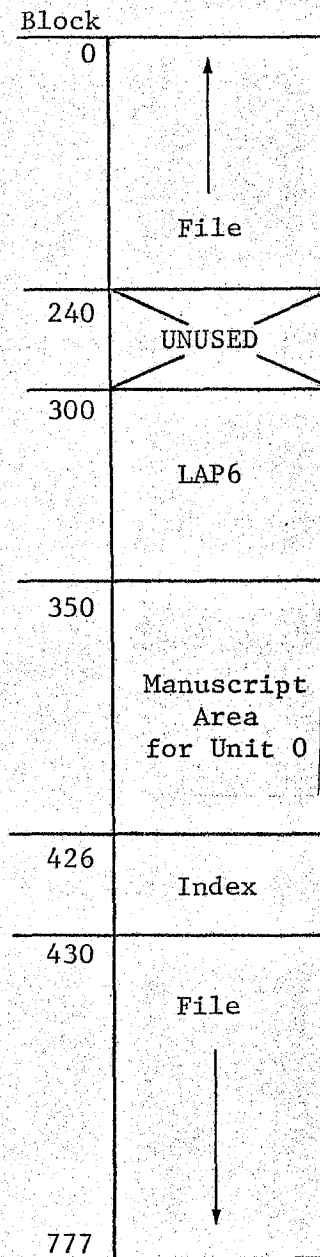
Block	
Unused	0
LAP6	10
Current Manuscript Working Area	60
INDEX	76
File	100
	777

Configuration 17
Unit 1

Configuration 17 is identical to Configuration 16, except that it is run from Unit 1. Both have 10_8 UNUSED blocks below LAP6, and 16_8 block working areas.

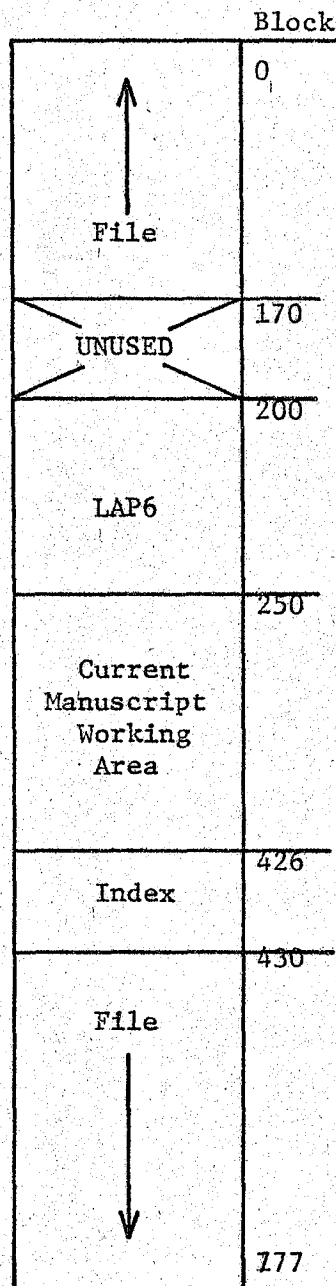


Configuration 18
Unit 0

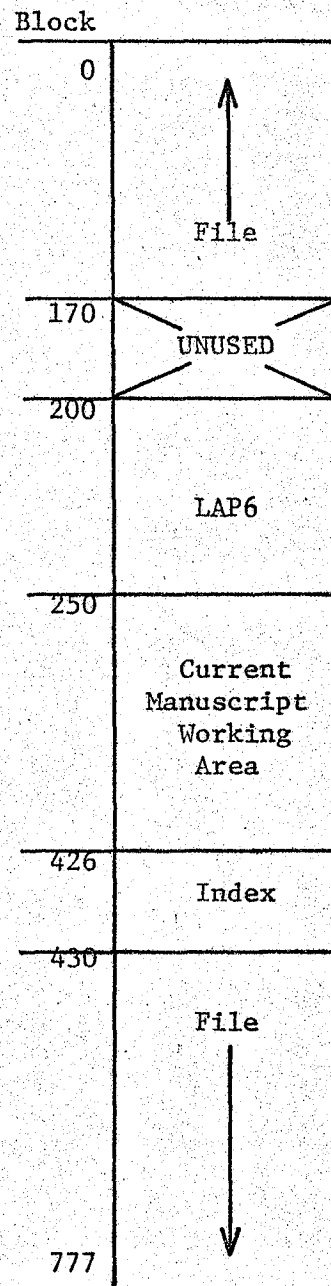


Configuration 19
Unit 1

These configurations are identical to 0 and 1 except for the extended unused space and the fact that the opposite tape is used for the current manuscript working area. (This has the effect of noticeably increasing "→CV" speed on long manuscripts).



Configuration 20
Unit 0



Configuration 21
Unit 1

Configurations 20 and 21 are similar to the standard configuration and configuration 1; but the lower file is 100₈ blocks shorter, the manuscript working area is 100₈ blocks longer, and LAP6 is located at block 200.