Num. of	Launch
processes	time (s)
1K	0.3 - 7.5
2K	0.8 - 10.5
4K	3.2 - 86.7
8K	29.2 - 87.9
16K	99.3 - 120.8
16K (*)	15.2 - 21.6

 $<sup>(\</sup>sp{*})$  Launch time for 16K processes with checkpointing using tree of coordinators.