To Office of Experimental Planning and Coordination

Date

MACHINE TIME EXECUTION

REPORT (2004-1 CYCLE)

Experimental Group	E391a	Reporter	T. Inagaki
Scheduled Period and Shift	Apr.1-Apr.28, 76 shifts	Main, Sub, Para	Main

Experimenters: More than 30 people

SUMMARY OF EXECUTION AND RESULTS

We could smoothly take data using about $2.1X10^{12}$ppp beam (4-second cycle).
Two short-spill runs, which were the beam duration of 0.2 and 0.5 second, were performed for three shifts on 15 and 16 April, in order to check the rate effect for every calorimeter. The rate effect was found negligibly small for all calorimeters except for a few beam-counters.

EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME etc.
The shutdown due to troubles in accelerator or beam channel was 30.5 hours (3.8 shifts) in total in this cycle. Major shutdowns are 9.5 hours by EP2 septum on 13-14 April, 6.5 hours by MR injection and Booster ejection on 21 April and 4 hours by SM1 (primary beam) on 24 April.

COMMENTS
Specially important things to remind are troubles appeared in D2 (one of pair sweeping magnets in the K0 line) and H32 (horizontally steering magnet in the EP2C line). These were symptomatically treated and need to be repaired later.