

To Office of Experimental

Date _____

Planning and Coordination

MACHINE TIME EXECUTION

REPORT (2004-2 CYCLE)

Experimental Group	E391a	Reporter	T. Inagaki
Scheduled Period and Shift	May19-July 1, 112 shifts	Main, Sub, Para	Main

Experimenters: More than 30 people

SUMMARY OF EXECUTION AND RESULTS

We continuously ran using about 2.1×10^{12} ppp beam (4-second cycle). Several special runs, calibration using pizero from Al target, low intensity using a single pulse injection to MR, several variants of trigger etc, were performed. We spent about 30 shifts for these check runs in the last part of this cycle. The management of schedule in the last week, beam sharing with K2 user and the excitation of the air-core solenoid by the pi2 user was done by peaceful means.

EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME etc.

The shutdown due to troubles in accelerator or beam channel was pretty large as 118 hours (14.8 shifts) in total in this cycle. Major shutdowns are 50 hours by Linac RF on 27-28 May, and 25 hours by cooling water around the first two weeks of June.

COMMENTS

Sometime the spill structure got worse but the treatment by an expert was always quick and sure. The spill control system looks working very well.