

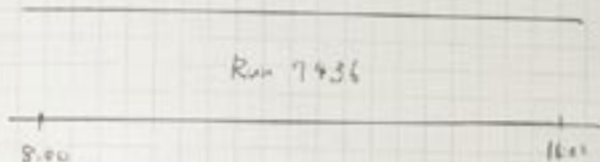
99/6/19

8:17

1st Shift
Sakurai

82

Trigger rate
LE 12.81 Hz
HE 6.03 Hz



Live time
this shift: $480 / 480 = 100\%$
Total: $1500845 / 1691520 = 88.73\%$

16:30

2nd Shift
Ishida / Haines

16:40

Trigger Rate
LE = 12.62 Hz HE = 5.83 Hz

17:45

CO in the control room
positive (0.7 ppm)
(all most all records are negative)
need to see.

18:53

R# 7436 stopped (for 24hrs)

18:54

R# 7437 started Normally

~19:30



R# 7436 - EV 014054126 ^{display} K2K updated
2-ring pass Yamada EC, in time
First k2k event? Tdtt ~ 2μsec (Jaw)

Image courtesy of K2K and Super-Kamiokande collaborations

The neutrino experiment K2K

(KEK to Kamioka) collaboration shares a logbook with Super-Kamiokande scientists at its far detector site 250 kilometers from KEK in Tsukuba. Taku Ishida and Todd Haines were sitting in the control room of Super-K on the evening of Saturday, June 19, 1999. Taku saw a particle event displayed after it registered in the detector, and he entered his observations in the logbook. The event was also circulated with an automatic email alert, and Yoshitaka Itou was among those to dive into the immediate analysis. Forty-two minutes later, Yoshitaka expressed his feeling that "this is the candidate." The first muon neutrino event from an accelerator-based long-baseline experiment had been observed. **Youhei Morita, KEK**