

# Rehearsal for OPERA Event Location Procedure at KEK PS

## T543 Status Report 2004

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Experimental setup for rehearsal of event location procedure for OPERA experiment <sup>[1]</sup> was decided to be placed in front of the MINOS near detector in NuMI beam line at Fermilab. Emulsion bricks, which are used for this rehearsal, will be produced there. In 2004, most of the beam time allocated to T543 was used to monitor OPERA emulsion film quality. Emulsion films for OPERA experiment (  $\sim 10^7$  films in total ) are being prepared in Tono mine ( Gifu, Japan ). Some of those films were picked up and exposed in KEK-PS T1 beam line to monitor uniformity of refresh performance, sensitivity ( grain density ), noise ( fog ) etc.

### Reference

[1] OPERA Experiment Proposal, CERN SPSC 2000-028, SPSC/P318, LNGS P25/2000, July 10, 2000