

**J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN#28**

<b>Group</b>	<b>K1.8 (SKS)</b>	<b>Date (Submitted)</b>	<b>2009</b>
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<b>Summary and Results</b>			
<p>+1.05GeV/c pion beam tuning for 12C(pi+,K+) RUN  (pi+,K+) trigger tuning  Slit condition .vs. beam counts etc study w/ ESS  Data-taking of beam through RUN at +0.75, +0.7 GeV/c for resolution check  Co-operation to EQ/RQ study by Micro-Structure Monitor  <b>We found that even with the 3x10<sup>11</sup> ppp scaler and NIM logic misses due to extremely high instantaneous rates. RQ operation is necessary further studies.</b>  Measurement of beam rates .vs. slit condition at +1.05GeV/c and -1.97GeV/c.  Hit multiplicity of Chamber and Hodoscope was found to be large even EQ/RQ is ON.  The limit of available intensity is ~100k/spill with narrow slit condition.  Beam Through RUN at +0.75GeV/c w/ and w/o CH2 target.</p>			
<b>SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc.</b>			
<p>Dec.11 18:00-24:00 D3/D4 Scan using SX tuning (single shot)  Dec.13 18:00-23:00 Micro-Structure Study with SX(EQ/RQ) tuning  Dec.16 0:30- 7:00 CM scan at +1.05GeV/c for pi  Dec.16 16:00? Official inspection for radiation  -0:00 time structure study during EQ/RQ study  0:00-4:00 Beam through run at 0.75, 0.7 GeV/c  Dec.23 0:00-5:00 Beam</p>			
<b><u>Comments/Requests</u></b>			