

J-PARC Hadron Hall : EXPERIMENTAL REPORT on RUN#49a

		Date(submitted)	2013/5/5															
Group	E13	Beam line	K1.8															
Reporter	Name Mifuyu Ukai	e-mail address m-ukai@lambda.phys.tohoku.ac.jp																
Experimenters	T. Koike, R. Honda, Y. Sasaki, K. Tanabe, H. Tamura, M. Ukai, T. O. Yamamoto, Y. Yamamoto (Tohoku) S. B. Yang (Seoul National Univ.) K. Shirotori (RCNP), M. Nakagawa (Osaka), H. Ekawa (Kyoto) K. Hosomi (JAEA), T. Takahashi, M. Naruki (KEK)																	
<p>Summary and Results</p> <p><Kaon beam tuning> ESS1, ESS2 = +- 250 kV All Q magnets were scanned for both 1.8 GeV/c and 1.5 GeV/c 1.8 GeV/c x 1.35 increased, 1.5 GeV/c x 1.5 increased from original Q values</p> <p><Trigger rate study> 1.8 GeV/c with 20 g/cm² target (CF2) 1.5 GeV/c with 3 g/cm² target (CH2)</p> <p><Spectrometer check> -SksMinus Commissioning of newly installed detectors (SPO, SAC3) p(K-,pi-) Sigma+ run for resolution check vertex check with 3 mm SUS target beam through run -Hyperball-J Timing check, gamma-ray</p> <p><DAQ test> Check with all counters for all DAQ nodes</p>																		
<p>SCHEDULED and EXECUTED MACHINE TIME, BEAM CONDITION, DOWN TIME, Priority etc.</p> <table border="0"> <thead> <tr> <th><Scheduled></th> <th><Executed></th> <th><Downtime></th> </tr> </thead> <tbody> <tr> <td>4/28 night</td> <td>4/28 21:41 - 9:38 6.6kW</td> <td>20 min.</td> </tr> <tr> <td>4/29 night(half)</td> <td>4/30 2:00 - 9:30 11 kW</td> <td>60 min</td> </tr> <tr> <td>4/30 night</td> <td>4/30 21:26 - 9:00 15 kW</td> <td>20 min</td> </tr> <tr> <td>5/1 night</td> <td>5/1 21:00 - 9:00 15 kW</td> <td>3 hours 40min (due to PPS)</td> </tr> </tbody> </table>				<Scheduled>	<Executed>	<Downtime>	4/28 night	4/28 21:41 - 9:38 6.6kW	20 min.	4/29 night(half)	4/30 2:00 - 9:30 11 kW	60 min	4/30 night	4/30 21:26 - 9:00 15 kW	20 min	5/1 night	5/1 21:00 - 9:00 15 kW	3 hours 40min (due to PPS)
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