1114-47-258 Qi Zhou* (qizhou628@gmail.com), 22,Hankou Road, Department of Mathematics, Nanjing, JiangSu 210093, Peoples Rep of China. Non critical dry ten martini problem.

We show that the Dry Ten Martini Problem, i.e., all possible spectral gaps are open, holds for almost Mathieu operator with noncritical coupling and any irrational frequency. It is joint work with Artur Avila and Jiangong You. (Received August 30, 2015)