Abstract Submitted for the APR17 Meeting of The American Physical Society

Upgrades to the CMS Cathode Strip Chambers for 2017 and the High Luminosity LHC DAVID MORSE, Northeastern Univ, CMS COLLAB-ORATION — An overview will be given of upgrades to the CMS Cathode Strip Chambers (CSC) during the extended technical stop 2016-2017 and plans for future upgrades targeting the HL-LHC. HL-LHC conditions will surpass the physical capabilities of the present detector, and require novel hardware to cope with increased rates and maintain the high performance of the CSC achieved up to now.

David Morse Northeastern Univ

Date submitted: 01 Oct 2016 Electronic form version 1.4