

800 MHz LLRF Plan (17.09.2014)

Cavity 2: old LLRF, guarantees availability of beam
achieved 1.1×10^{11} p/bunch @450 GeV in MD November 2012

Cavity 1: install new LLRF

1st test in MD on October 8 at 26 GeV

2nd test in MD on November 26 at 450 GeV fixed energy, if 1st test OK
if more MD slots available at the end of the run, test tracking in ramp

Technical stop (Christmas): update firmware using results from 2014 MDs
additional manpower to speed up completion if needed
launch production for cavity 2 + spares

2015: start-up: Cavity 2: old LLRF guarantees availability of beam

ask MD a.s.a.p. to set-up system on Cavity 1

Cavity 1 operational by April 2015

Install and Commission new system on cavity 2: June 2015

Nota bene: LHC requires 25 ns beam for week 21 scrubbing run in LHC

2015 LHC requirements: 1.2×10^{11} exit of SPS is target (Mike)