

# PS operational beams 07 July 2017

fixed target beams	status	comments
EAST 1,2	OK in specs	
SFTPRO (MTE)	OK in specs	up to 1700E10 ppp *
TOF	OK in specs	
AD	OK in specs	

\* for higher intensity losses at extraction become unacceptable

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LHC type beams	status	Comments
LHC 25ns	OK	emittances slightly large
(LHC 50ns	OK	for MD - high intensity version)
LHC PROBE	OK	
LHC INDIV	OK	
LHC INDIV_VDM	OK	
BCMS 25ns	OK	$\varepsilon_h = 2.1, \varepsilon_v = 1.9 \pi$ mm mrad

- wire scanners get occasionally blocked
- 25 ns transverse emittances are measured too big which is also confirmed by SPS and LHC but cause/solution not yet found (3.0 vs 2.5); under investigation