PS Booster				
Machine Coordinator last week	F. Asvesta			
Machine Coordinator this week	G.P. Di Giovanni			
Beam Scheduled				
ISOLDE	Yes		***PS***	Yes
Beam Availability by Destination (AFT)				
ISOLDE	98.4 %		***PS***	98.5 %
Facility Status				
Summary	• All operational beams were delivered as requested. • Transverse optimization of the 8b3e beam – increased brightness by reducing emittances (~20%), beam sent downstream and reduced emittances measured in the PS as well. • Longitudinal optimization of the AWAKE beam – improved emittances in the PS. • LHC_PILOT variant with higher intensity prepared – requested for LHC test. • New LHC Standard variant with triple harmonic capture and updated working point evolution – reduced transverse profile tails while maintaining brightness. Beam tested in the PS (38 bunches variant) measuring similar emittances as the operational user. Optimizations still ongoing.			
Issues	• Electrical perturbations on Wednesday night affected operations as they resulted in faults of multiple magnets of the BTY line, the Transverse Feedback and the Finemet cavities in ring 3, blocking operations for almost an hour. The cavities required the intervention of the piquet and beam was produced in degraded mode (without ring 3) for another 30min. • During the triple harmonic setup, the experts realized that the energy matching, done during commissioning, was not propagated to all operational users. This will be followed up next week to fully resolve but no observable impact on the operational users is expected. • Otherwise, only short faults resolved with resets.			
Plans	Deliver beams to downstream machines			
Intervention Request				
No	***Duration***		***Preferred date/time***	
Reason				
Impact				