

PS n_TOF				
Facility Coordinator last week		M. Bacak		
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Beam Requested				
Yes				
Facility Status				
Summary	<ul style="list-style-type: none"> • Beam commissioning on the PS side • No issues with hardware downstream the target (umegas preamp problem solved) • First physics data taken with commissioning beam <ul style="list-style-type: none"> ○ Novel high efficiency TOF imaging detector EAR1 ○ Diamond flux at NEAR (1e12 n/cm2/s) • Setting up next experiments for physics beam 			
Issues	<ul style="list-style-type: none"> • Troubles with horizontal SEM grid upstream the target at >40% nominal intensity – problem solved by going back to the previous electronics chain (single patch box). Many thanks to OP and BI teams! • Some problems with beam losses for the 28ns pulse. No problem when 35 ns is adopted. Many thanks to PS teams for their efforts.! 			
Plans	<ul style="list-style-type: none"> • Capture setup characterization • Investigation of beam induced RF problem at small TOFs in EAR1 together with EMC expert 			
Foreseen Beam Stop				
Yes	Duration	6h	Date/Time	We 11/04/23 8h-14h