Unassigned design blocks	15-Nov-19	2019				2020				2021			
Item description	Sub-item	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021
Documentation	System requirements	████████████			1st								
	Conceptual design/architecture	████████████			1st								
	FEB spec./architecture				1st	████████████████████							
	Photosensor connectivity spec.				1st								
	Backplane spec.			1st									
	OCC spec.					1st	████████████████████						
	Synchronisation spec.			1st									
	Power supply spec.					1st							
	Calibration system spec.			1st									
	DAQ spec.					1st	████████████████████████						
Front End Board	DC/DC conv. EMI testing [0.2 T]				FEB 0.2T								
	FEB v1					FEB v1 Design		Prod.	Tests				
	Firmware development					P-o+pwr est.		Firmware v1					
	FEB v2									Firmware v2			
	DAQ adapter [OCCv0 for FEB tests]							Design	Prod.	Q.A.			
							Prod.						
Photosensor connectivity	MPPC PCB [v2]					MPPC PCB design		Prod.					
	Cable assembly and routing			Routing concept				Cable assembly prod.					
	Patch panel						Design & proto		Prod.				
Backplane	FEB-to-OCC link					FEB-to-OCC link design			Prod.				
	Low Voltage distribution [24V]					L.V. distri. design			Prod.				
Power supplies (0 T)	Power modules [out of rack]						P.S. design+proto.		Prod.				
Synchronisation system	Master Clock Board					MCB design+proto			Prod.				
	Clock/sync distribution (fanout)					Fanout design+proto			Prod.				
Optical Concentrator Card	DAQ link						Design and proto.				Prod.		
	Slow control link						Design and proto.				Prod.		
DAQ	DAQ system			DAQ system design					Prod.				
Calibration system	LED driver					LED driver design			Prod.				
	Optical system (scint. block)				Optical design				Prod.				
Electronics mechanics	FEB crates and support mechanics					Crates design		Prod.					
	Patch panel/backplane mechanics						Patch panel design		Prod.				
	Various modules (MCR, PW, DAQ)						MCR, PW, DAQ meca. design		Prod.				
	Miscellaneous cabling						General cabling scheme		Prod.				
	Cooling system						FEB cooling system		Prod.				
Integration	Reference readout chain								Reference readout chain				
	Surface assembly and tests J-PARC									Surface			
	Pit installation											Pit	