

Milestone tracker

Ingo
Deppner
03.07.2024

TOF – Glass & Counters

Milestone	Date	2023	2024	2025	2026	2027
Glass all accepted	01/25					
Ship glass to Buch. (last batch)	07/25					
MRPC 1a-c						
Counter/module pre-production	12/23; 03/24		 			
Testing	09/24					
PRR	02/25					
FOS	07/25					
FAT	06/28					
MRPC 2 (580 @ Tsinghua)						
Pre-production + testing	08/23; 12/23		 			
PRR	06/24					
FOS	08/24					
FAT	12/25					
MRPC 3 (1000 @ USTC)						
Counter/module pre-production	08/23; 12/23					
PRR	06/24					

TOF – Electronics

Milestone	Date	2023	2024	2025	2026	2027
ASIC						
ASIC submission PRR	04/23					Feedback
ASIC FOS (50%) + Ship to CCNU	12/23					done
ASIC FAT (100%) + Ship to CCNU	09/24					done
FEE + ROB Outer Wall 						
ELE PRR (inner + outer)	07/24		 	 		damage in BNL
FEE-Outer ship 1 st batch + FOS	07/24 + 09/24					
FEE-Outer ship last batch + FAT	07/25 + 09/26					
ROB-Outer PRR	06/24					
ROB-Outer FOS	11/24				 	
ROB-Outer FAT	08/26					 
FEE + ROB Inner Wall 						
FEE-Inner ship 1 st batch + FOS	01/26 + 04/26					
FEE-Inner ship last batch + FAT	01/27 + 04/28					

Improved

TOF – Modules

Milestone	Date	2023	2024	2025	2026	2027
Module M0 (2) and M1 (4)						
Gas box production	05-12/25					
FOS	11/25					
FAT	02/27					
Module M2 (4) and M3 (2)						
Gas box production	08/26-01/27					
FOS	05/27					
FAT	01/29					
Module M4 (24), M5 (132) and M6 (62)						
PRR	06/24					
Receive first MRPC batch	06/24					
Start of production	10/24					
FOS	02/25					
FAT	12/26					

TOF – Services

Milestone	Date	2023	2024	2025	2026	2027
LV						
CDR	10/20					
Prototype testing	12/24					
PRR	01/25					
DB procurement - FAT	12/25					
HV						
CDR	6/23 6/24				PS modules purchased	
Prototype testing	12/23 6/24					
PRR	1/24 9/24					
DB procurement - FAT	06/25					
PS procurement - FAT	06/25					
Mainframe						
CDR	05/22					
EDR	12/24					
PRR	01/25					
Procurement + Manufacturing						
FAT	12/25					
Gas System						