

Task Name	Duration	Start	End	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
				H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
8	HGTD	2119 days	2018/12/3	2027/4/22											
8.1	Sensors	955 days	2020/9/30	2024/7/1											
8.1.1	LGAD Sensors	955 days	2020/9/30	2024/7/1											
	SPR	0 days	2020/9/30	2020/9/30											
	PDR	0 days	2021/3/1	2021/3/1											
	FDR	0 days	2021/9/30	2021/9/30											
	PRE Production	127 days	2022/1/3	2022/6/30											
	PRR	0 days	2022/7/15	2022/7/15											
	Production (0 - 50%)	235 days	2022/8/1	2023/6/30											
	Production (51-100%)	255 days	2023/7/3	2024/7/1											
8.2	Electronic	1521 days	2020/9/30	2026/9/30											
8.2.1	ASIC	955 days	2020/9/30	2024/7/1											
	SPR	0 days	2020/9/30	2020/9/30											
	PDR	0 days	2021/6/30	2021/6/30											
	FDR	0 days	2022/3/30	2022/3/30											
	PRE Production	129 days	2022/5/2	2022/10/28											
	PRR	0 days	2023/4/28	2023/4/28											
	Production (0 - 50%)	190 days	2023/5/2	2024/1/26											
	Production (51-100%)	108 days	2024/1/29	2024/7/1											
8.2.2	Peripheral Electronics Board	1079 days	2021/1/4	2025/3/28											
8.2.3	High Voltage System	1267 days	2021/10/1	2026/9/30											
8.2.4	Low Voltage System	1267 days	2021/10/1	2026/9/30											
8.3	Luminosity / TDAQ	1236 days	2021/10/15	2026/8/31											
8.4	Modules and Detector units	1311 days	2021/6/30	2026/8/30											
8.4.1	Bare module hybridisation	800 days	2021/6/30	2024/8/15											
	SPR	0 days	2021/6/30	2021/6/30											
	PDR	0 days	2021/11/30	2021/11/30											
	FDR	0 days	2022/5/30	2022/5/30											
	PRE Production	70 days	2022/11/22	2023/2/28											
	PRR	0 days	2023/6/1	2023/6/1											
	Production (0- 50%)	126 days	2023/9/1	2024/2/28											
	Production (51-100%)	118 days	2024/2/29	2024/8/15											
8.4.2	Module Flex	616 days	2021/12/1	2024/4/30											
8.4.3	Modules Assemblies	1150 days	2022/1/17	2026/7/30											
	SPR	0 days	2022/1/17	2022/1/17											
	PDR	0 days	2022/5/1	2022/5/1											
	FDR	0 days	2022/10/31	2022/10/31											
	PRE Production	126 days	2023/1/17	2023/7/17											
	PRR	0 days	2023/7/17	2023/7/17											
	Production (0- 50%)	357 days	2023/11/30	2025/4/30											
	Production (51-100%)	313 days	2025/5/2	2026/7/30											
8.4.4	Detector units	1289 days	2021/7/30	2026/8/30											
	SPR	0 days	2021/7/30	2021/7/30											
	PDR	0 days	2022/1/10	2022/1/10											
	FDR	0 days	2022/10/1	2022/10/1											
	PRE Production	127 days	2023/1/17	2023/7/18											
	PRR	0 days	2023/9/1	2023/9/1											
	Production (0- 50%)	356 days	2024/1/3	2025/5/30											
	Production (51-100%)	314 days	2025/6/2	2026/8/30											
8.4.5	Flex cable tails	919 days	2022/2/20	2025/9/30											
8.5	Mechanics, Services and Infrastructure	1685 days	2018/12/3	2025/7/30											
8.6	Detector Assembly and QA on surface	1235 days	2021/12/15	2026/10/29											
8.6.1	Test bench for detector certification	503 days	2021/12/15	2023/12/1											
8.6.2	Tools for surface assembly	503 days	2021/12/15	2023/12/1											
8.6.3	Assembly of components on cooling plates	1077 days	2022/6/30	2026/9/30											
	SPR	0 days	2022/6/30	2022/6/30											
	PDR	0 days	2022/11/30	2022/11/30											
	FDR	0 days	2023/4/1	2023/4/1											
	PRR	0 days	2023/9/1	2023/9/1											
	HGTD-A (0-50%)	356 days	2024/2/1	2025/6/30											
	HGTD-C (51-100%)	292 days	2025/8/1	2026/9/30											
8.6.4	Final integration inside vessels	1098 days	2022/6/30	2026/10/29											
	SPR	0 days	2022/6/30	2022/6/30											
	PDR	0 days	2022/11/30	2022/11/30											
	FDR	0 days	2023/4/1	2023/4/1											
	PRR	0 days	2023/9/1	2023/9/1											
	HGTD-A (0-50%)	314 days	2024/5/2	2025/7/29											
	HGTD-C (51-100%)	248 days	2025/11/3	2026/10/29											
8.7	Detector Installation and commissioning	1260 days	2022/5/2	2027/4/22											
8.7.1	Tool for transport and cavern installation	825 days	2022/5/2	2025/7/29											
8.7.2	Services, patch panels and cooling installation	374 days	2025/1/3	2026/6/30											
8.7.3	Back-end electronics installation in USA15	379 days	2025/6/2	2026/11/30											
8.7.4	Detector installation and Connectivity	381 days	2025/7/30	2027/2/4											
	Schedule Float HGTD A	177 days	2025/7/30	2026/4/14											
	Installation HGTD-A	25 days	2026/4/15	2026/5/20											
	Schedule Float HGTD C	43 days	2026/10/30	2027/1/4											
	Installation HGTD-C	23 days	2027/1/5	2027/2/4											
8.7.5	Global commissioning in LS3	234 days	2026/5/20	2027/4/22											