ID	Task name	Duration	Start date (dd//mm/yy)	Finish date (dd//mm/yy)	Comment
1	**ProtoDUNE-DP**	**423,71 days?**	**01/12/2016**	**31/07/2018**	
2	**Cryostat preparation**	**134 days**	**08/03/2017**	**11/09/2017**	**waiting NP update**
8	**Cryostat internal cables and instrumentation**	**228,71 days?**	**03/07/2017**	**31/05/2018**	
22					
24					
25	**CRP Production & Installation**	**279,71 days?**	**10/04/2017**	**18/05/2018**	
26	CR185 material order	1 day	10/04/2017	10/04/2017	
27	Clean Room Material reception	83 days	11/04/2017	03/08/2017	
28	Patch panel design and production	30 days	17/10/2017	27/11/2017	need design of CRP_INST
29	**CR185 preparation**	**57 days**	**04/07/2017**	**20/09/2017**	
30	Furnishing integration	2 days	04/07/2017	05/07/2017	
31	Initial cleaning	2 days	18/09/2017	19/09/2017	
32	Grid tooling preparation	55 days	06/07/2017	20/09/2017	
33	**CRP assembly in CR185**	**148,71 days**	**21/09/2017**	**01/05/2018**	
34	**CRP #1**	**70 days**	**21/09/2017**	**10/01/2018**	
47	**CRP #2**	**26,57 days**	**10/01/2018**	**15/02/2018**	
60	**CRP #3**	**26,57 days**	**15/02/2018**	**26/03/2018**	
73	**CRP #4**	**26,57 days**	**26/03/2018**	**01/05/2018**	
86	**LAS Supply**	**201 days?**	**29/05/2017**	**19/03/2018**	
87	Green Light full LEM production	1 day?	02/10/2017	02/10/2017	
88	Administrative time to start second Production	10 days	03/10/2017	16/10/2017	
89	**LAS Firm_A Production Validatic**	**55 days**	**29/05/2017**	**11/08/2017**	
90	LEM production (Preserie 6 LE	45 days	29/05/2017	28/07/2017	
91	LEM Preserie Tests	10 days	31/07/2017	11/08/2017	
92	LEM Production Validated	0 days	11/08/2017	11/08/2017	
93	**12 LAS Firm_A production**	**20 days**	**14/08/2017**	**08/09/2017**	
99	**12 LAS Firm_A production**	**20 days**	**28/08/2017**	**22/09/2017**	
105	**12 LAS Firm_A production**	**20 days**	**11/09/2017**	**06/10/2017**	
111	second half at Firm_A	0 days	22/09/2017	22/09/2017	
112	**12 LAS Firm_A production**	**20 days**	**25/09/2017**	**20/10/2017**	
118	**12 LAS Firm_A production**	**20 days**	**09/10/2017**	**03/11/2017**	
124	**12 LAS Firm_A production**	**20 days**	**23/10/2017**	**17/11/2017**	
130	**LAS Firm_B Production Validatic**	**30 days**	**17/10/2017**	**27/11/2017**	
134	**12 LAS Firm_B production**	**20 days**	**28/11/2017**	**08/01/2018**	
140	**12 LAS Firm_B production**	**20 days**	**12/12/2017**	**22/01/2018**	
146	**12 LAS Firm_B production**	**20 days**	**09/01/2018**	**05/02/2018**	
152	**12 LAS Firm_B production**	**20 days**	**23/01/2018**	**19/02/2018**	
158	**12 LAS Firm_B production**	**20 days**	**06/02/2018**	**05/03/2018**	
164	**12 LAS Firm_B production**	**20 days**	**20/02/2018**	**19/03/2018**	
170	**CRP installation in the cryostat**	**91,71 days**	**11/01/2018**	**18/05/2018**	
171	**CRP #1 Installation in Cryostat**	**11 days**	**11/01/2018**	**25/01/2018**	
178	**CRP #2 Installation in Cryostat**	**11 days**	**15/02/2018**	**02/03/2018**	
185	**CRP #3 Installation in Cryostat**	**11 days**	**26/03/2018**	**10/04/2018**	
192	**CRP #4 Installation in Cryostat**	**11 days**	**01/05/2018**	**16/05/2018**	
199	CRP lateral position adjustment (warm conditions)	2 days	16/05/2018	18/05/2018	
200					
201					
202	**Chimneys and feedthroughs**	**231 days**	**19/06/2017**	**21/05/2018**	
203	**SPFT Production & Installation**	**45 days**	**02/10/2017**	**01/12/2017**	
207	**Signal Feedthrough SGFT**	**231 days**	**19/06/2017**	**21/05/2018**	
219	**TANK_INST**	**146 days**	**31/07/2017**	**05/03/2018**	
225	**CRP_INST**	**26 days**	**11/09/2017**	**16/10/2017**	
227					
228	**Drift Cage Production and Installatio**	**315,71 days**	**01/05/2017**	**30/07/2018**	
229	Mechanical Test assembly in UTA	89 days	01/05/2017	31/08/2017	
230	PCB production and testing in cold	87 days	01/06/2017	29/09/2017	
231	**Assembly test in CRB**	**9 days**	**01/12/2017**	**13/12/2017**	
235	**Installation test in cryostat**	**8 days**	**06/12/2017**	**15/12/2017**	
239	**Full Assembly in CRB**	**15 days**	**04/05/2018**	**25/05/2018**	
244	**Full Installation in cryostat**	**49 days**	**22/05/2018**	**30/07/2018**	
257	Beam plug installation	5 days	19/06/2018	26/06/2018	not yet designed
258					
259	**VHV system**	**279,71 days**	**08/05/2017**	**15/06/2018**	
260	**300 kV PSU**	**215 days**	**08/05/2017**	**16/03/2018**	
264	**300 kV FT**	**166 days**	**03/07/2017**	**05/03/2018**	
268	**Extension**	**63 days**	**09/10/2017**	**17/01/2018**	
272	Insertion and assembly in cryostat	10 days	01/06/2018	15/06/2018	
273					
274	**PMT and Light Read Out System**	**420,71 days?**	**01/12/2016**	**26/07/2018**	
275	LRO electronics	218 days	08/03/2017	19/01/2018	
276	**PMTs preparation and installation**	**420,71 days?**	**01/12/2016**	**26/07/2018**	
287	**Light calibration system**	**351,71 days**	**08/03/2017**	**26/07/2018**	
290	Lower the Ground grid to its fnal position	2 days	26/07/2018	30/07/2018	
291					
292	**Front End electonics**	**314 days**	**08/03/2017**	**04/06/2018**	
293	F/E electronics installation	30 days	24/04/2018	04/06/2018	
294	microTCA installation	30 days	08/03/2017	18/04/2017	
295					
296					
297	Ready to seal TCO & cryostat	1 day	30/07/2018	31/07/2018	
298					
299	**Large Area Trigger Counters**	**30 days**	**04/06/2018**	**13/07/2018**	
300	Installation	30 days	04/06/2018	13/07/2018	
301					
302	**External cabling, roof layout and Rac**	**223,71 days**	**04/09/2017**	**26/07/2018**	
303	**cable trays and roof piping**	**1 day**	**11/09/2017**	**11/09/2017**	
307	**External cables and optical fibers**	**72 days**	**06/11/2017**	**27/02/2018**	
310	**Roof crates**	**37,71 days**	**05/06/2018**	**26/07/2018**	
314	**Racks**	**209 days**	**04/09/2017**	**05/07/2018**	

Projet : ProtoDUNE-DP-010917
Date : 01/09/2017

Tâche		Récapitulatif du projet		Tâche manuelle		Début uniquement		Échéance	
Fractionnement		Tâche inactive		Durée uniquement		Fin uniquement		Avancement	
Jalon		Jalon inactif		Report récapitulatif manuel		Tâches externes		Progression manuelle	
Récapitulative		Récapitulatif inactif		Récapitulatif manuel		Jalons externes			