

# Master Schedule

## & Planning in the coming weeks

Crab Cavities Technical Coordination  
Meeting #XXVII

[INDICO: 639969](#)

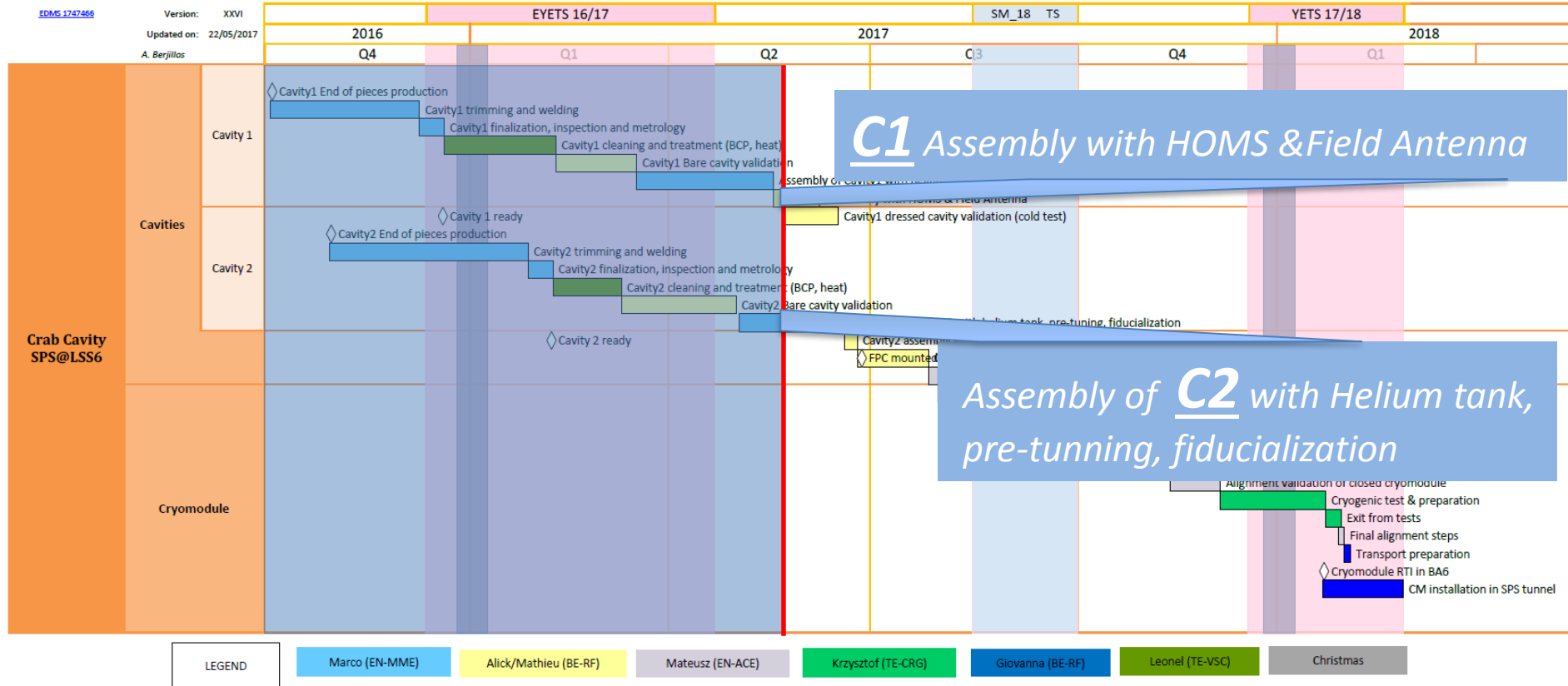
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[WP4-SHAREPOINT](#)

*By Aurelio Berjillos*

*22/05/2017*

# Master Schedule rev.XXVI

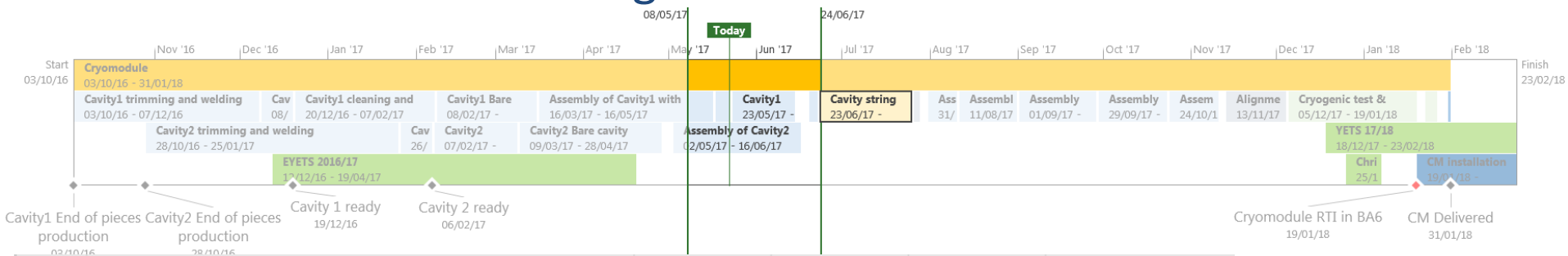


CM delivered in BA6 on **31<sup>st</sup> Jan'18**

## Changes from the previous version:

- No changes, C1 & C2 without variance schedule

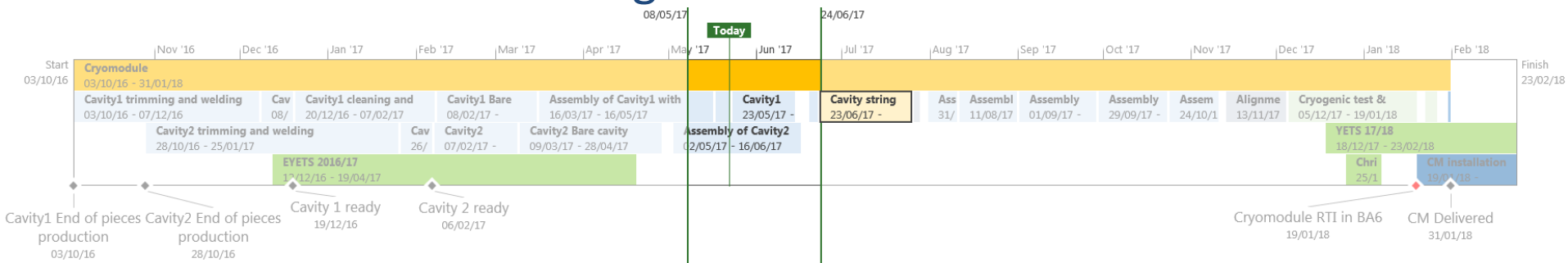
# Planning from wk. 19 to 25



Unic ID	Task Name	Duration	Start	Finish	Resource Names
273	▲ Cryomodule	324 days	03/10/16	31/01/18	
274	▲ Cavity 1	170 days	03/10/16	14/06/17	
41	▲ Assembly of Cavity1 with helium tank, pre-tuning, fiducialization	41 days	16/03/17	16/05/17	Marco (EN-MME)
203	Welding of helium tank	20 days	07/04/17	09/05/17	Marco
196	Coarse tuning, RF frequency	1 day	10/05/17	10/05/17	Rama
197	Metrology and tank fiducialisation	1 day	11/05/17	11/05/17	Marco, Mateusz
393	Leak test	2 days	12/05/17	15/05/17	Marco
134	Transport activity	1 day	16/05/17	16/05/17	
48	▲ Cavity1 assembly with HOMS and Field Antenna	4 days	17/05/17	22/05/17	Alick (BE-RF)
205	Assembly of cavities with HOMS and Field Antenna	3 days	17/05/17	19/05/17	Eric
135	Transport activity	1 day	22/05/17	22/05/17	
51	▲ Cavity1 dressed cavity validation (cold test)	15 days	23/05/17	14/06/17	Alick (BE-RF)
321	Leak tests	2 days	23/05/17	24/05/17	Alick
371	Evacuation & Bakeout	2 days	26/05/17	29/05/17	Alick
322	RF cold test	8 days	30/05/17	09/06/17	Alick
323	Warmup	2 days	12/06/17	13/06/17	Alick
207	Preparation for cleanroom	1 day	14/06/17	14/06/17	Alick
136	Transport activity	0 days	14/06/17	14/06/17	

TODAY

# Planning from wk. 19 to 25



Unic ID	Task Name	Duration	Start	Finish	Resource Names
275	▲ Cavity 2	156 days	28/10/16	22/06/17	
120	▲ Assembly of Cavity2 with helium tank, pre-tuning, fiducialization	32 days	02/05/17	16/06/17	Marco (EN-MME)
248	Preparation and machining adaptation parts	5 days	04/05/17	10/05/17	Marco
249	Assembly of cavity with tank and magnetic shield	4 days	11/05/17	16/05/17	Marco
250	RF frequency	0 days	16/05/17	16/05/17	Rama
251	Welding of helium tank	16 days	17/05/17	09/06/17	Marco
252	Coarse tuning, RF frequency	1 day	12/06/17	12/06/17	Rama
253	Metrology and tank fiducialisation	1 day	13/06/17	13/06/17	Marco, Mateusz
394	Leak test	2 days	14/06/17	15/06/17	Marco
254	Transport activity	1 day	16/06/17	16/06/17	
121	▲ Cavity2 assembly with HOMS and Field Antenna	4 days	19/06/17	22/06/17	Alick (BE-RF)
256	Assembly of cavities with HOMS and Field Antenna	3 days	19/06/17	21/06/17	Eric
258	Transport activity	1 day	22/06/17	22/06/17	
52	▲ Cavity string assembly	23 days	23/06/17	25/07/17	Mathieu (BE-RF)
324	Mount FPC	2 days	23/06/17	26/06/17	Eric

TODAY

Unique ID	Task Name	Duration	Start	Finish	Resource Names	Text7
273	Cryomodule	324 days	03/10/16	31/01/18		
274	Cavity 1	170 days	03/10/16	14/06/17		
1	Cavity1 End of pieces production	0 days	03/10/16	03/10/16	Marco (EN-MME)	EN-MME
3	Cavity1 trimming and welding	48 days	03/10/16	07/12/16	Marco (EN-MME)	EN-MME
18	Cavity1 finalization, inspection and metrology	8 days	08/12/16	19/12/16	Marco (EN-MME)	EN-MME
24	Cavity1 cleaning and treatment (BCP, heat)	28 days	20/12/16	07/02/17	Leonel (TE-VSC)	EN-MME
33	Cavity1 Bare cavity validation	26 days	08/02/17	15/03/17	Alick (BE-RF)	BE-RF
41	Assembly of Cavity1 with helium tank, pre-tuning, fiducialization	41 days	16/03/17	16/05/17	Marco (EN-MME)	EN-MME
48	Cavity1 assembly with HOMS and Field Antenna	4 days	17/05/17	22/05/17	Alick (BE-RF)	BE-RF
51	Cavity1 dressed cavity validation (cold test)	15 days	23/05/17	14/06/17	Alick (BE-RF)	BE-RF
286	Cavity 1 ready	0 days	19/12/16	19/12/16		
275	Cavity 2	156 days	28/10/16	22/06/17		
115	Cavity2 End of pieces production	0 days	28/10/16	28/10/16	Marco (EN-MME)	EN-MME
116	Cavity2 trimming and welding	55 days	28/10/16	25/01/17	Marco (EN-MME)	EN-MME
117	Cavity2 finalization, inspection and metrology	8 days	26/01/17	06/02/17	Marco (EN-MME)	EN-MME
118	Cavity2 cleaning and treatment (BCP, heat)	22 days	07/02/17	08/03/17	Marco (EN-MME)	EN-MME
119	Cavity2 Bare cavity validation	35 days	09/03/17	28/04/17	Alick (BE-RF)	BE-RF
120	Assembly of Cavity2 with helium tank, pre-tuning, fiducialization	32 days	02/05/17	16/06/17	Marco (EN-MME)	EN-MME
121	Cavity2 assembly with HOMS and Field Antenna	4 days	19/06/17	22/06/17	Alick (BE-RF)	BE-RF
256	Assembly of cavities with HOMS and Field Antenna	3 days	19/06/17	21/06/17	Eric	
258	Transport activity	1 day	22/06/17	22/06/17		
284	Cavity 2 ready	0 days	06/02/17	06/02/17		
52	Cavity string assembly	23 days	23/06/17	25/07/17	Mathieu (BE-RF)	BE-RF
392	FPC mounted	0 days	26/06/17	26/06/17		
62	Alignment check, RF frequency check	3 days	26/07/17	28/07/17	Mateusz (EN-ACE)	EN-ACE
362	Cryostating	74 days	31/07/17	10/11/17		
64	Assembly (pt.0) with tuners and cryolines	9 days	31/07/17	10/08/17	Marco (EN-MME)	EN-MME
68	Assembly (pt. 1) of systems under top plate until removal of string trolley	15 days	11/08/17	31/08/17	Marco (EN-MME)	EN-MME
78	Assembly (pt. 2) – first leak check	19 days	01/09/17	28/09/17	Marco (EN-MME)	EN-MME
84	Assembly (pt. 3) – second leak check	17 days	29/09/17	23/10/17	Marco (EN-MME)	EN-MME
92	Assembly (pt. 4) and closure of cryomodule	14 days	24/10/17	10/11/17	Marco (EN-MME)	EN-MME
101	Alignment validation of closed cryomodule	16 days	13/11/17	04/12/17	Mateusz (EN-ACE)	EN-ACE
293	Cryogenic test & preparation	24 days	05/12/17	19/01/18	Kzstof (TE-CRG)	TE-CRG
309	Exit from tests	5 days	22/01/18	26/01/18	Kzstof (TE-CRG)	TE-CRG
355	Final alignment steps	1 day	26/01/18	29/01/18	Mateusz (EN-ACE)	EN-ACE
111	Transport preparation	2 days	30/01/18	31/01/18	Giovanna (BE-RF)	BE-RF
361	CM Delivered	0 days	31/01/18	31/01/18		
316	Cryomodule RTI in BA6	0 days	19/01/18	19/01/18	must be ready in	
291	CM installation in SPS tunnel	26 days	19/01/18	23/02/18	Giovanna (BE-RF)	BE-RF

Main Activities Blocks  
CM should RTI in BA6 on 19<sup>th</sup> Jan'18

Please check the key-date in the  
pdf file if you don't use the MS  
project



Thank You for listening.

