

# Status of BOS/F MDT Chamber Construction

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- ❑ 88 chambers + (106 +12) supports to be built.
  - ❑ 88 chambers glued.
  - ❑ 64 chambers complete with final electronics.
  - ❑ 12 chambers at CERN.
  - ❑ 4 chambers integrated with RPC and installed.
  - ❑ 71 chambers tested at LMU.
  - ❑ 61 chambers tested with final electronics.
  - ❑ 87 common supports assembled, 77 at CERN, 10 installed.
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- ❑ 6 replacement chamber to be glued.
  - ❑ 13 chambers + 6 repl. to be assembled with gas system.
  - ❑ 17 chambers + 6 repl. to be tested at LMU.
  - ❑ 5 chambers to be assembled w. final electronics after test.
  - ❑ 8 chambers to be tested in storage hall with final elec.
  - ❑ 84 chambers to be integrated with RPCs at CERN.
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	7A	6A	5A	4A	3A	2A	1A	1C	2C	3C	4C	5C	6C	7C
02		G	GTE	GTE	GTE	GTE	GTE	GTE	GTE	GTE	GTE	GTE	1920	
04		G	GTE	GTE	GTE	GTE	GTE	GTE	GTE	GTE	GTE	GTE	1902	
06		GTE	GTE	GTE	GTE	GTE	GT	GTE	GTE	GTE	GTE	GTE	1920	
08		GTE	GTE	GTE	GTE	GTE	GTE	1440	GTE	GTE	GTE	GTE	1920	
10		G	GTE	GTE	GTE	GTE	GT	GTE	GT	GTE	GTE	GTE	1920	
16		1920	GTE	GTE	GTE	GTE	GTE	GTE	GT	GTE	GTE	GT	1920	
12	1200		GTE		GTE		GTE(I)	GTE(I)		GTE		GTE		1200
14	1200		G		1920		GTE(I)	GTE(I)		GTE		GTE		1200

2160, 1920, 1440, 1200 mm wide chambers = glued

G = gas system installed

GT = tested with preliminary electronics

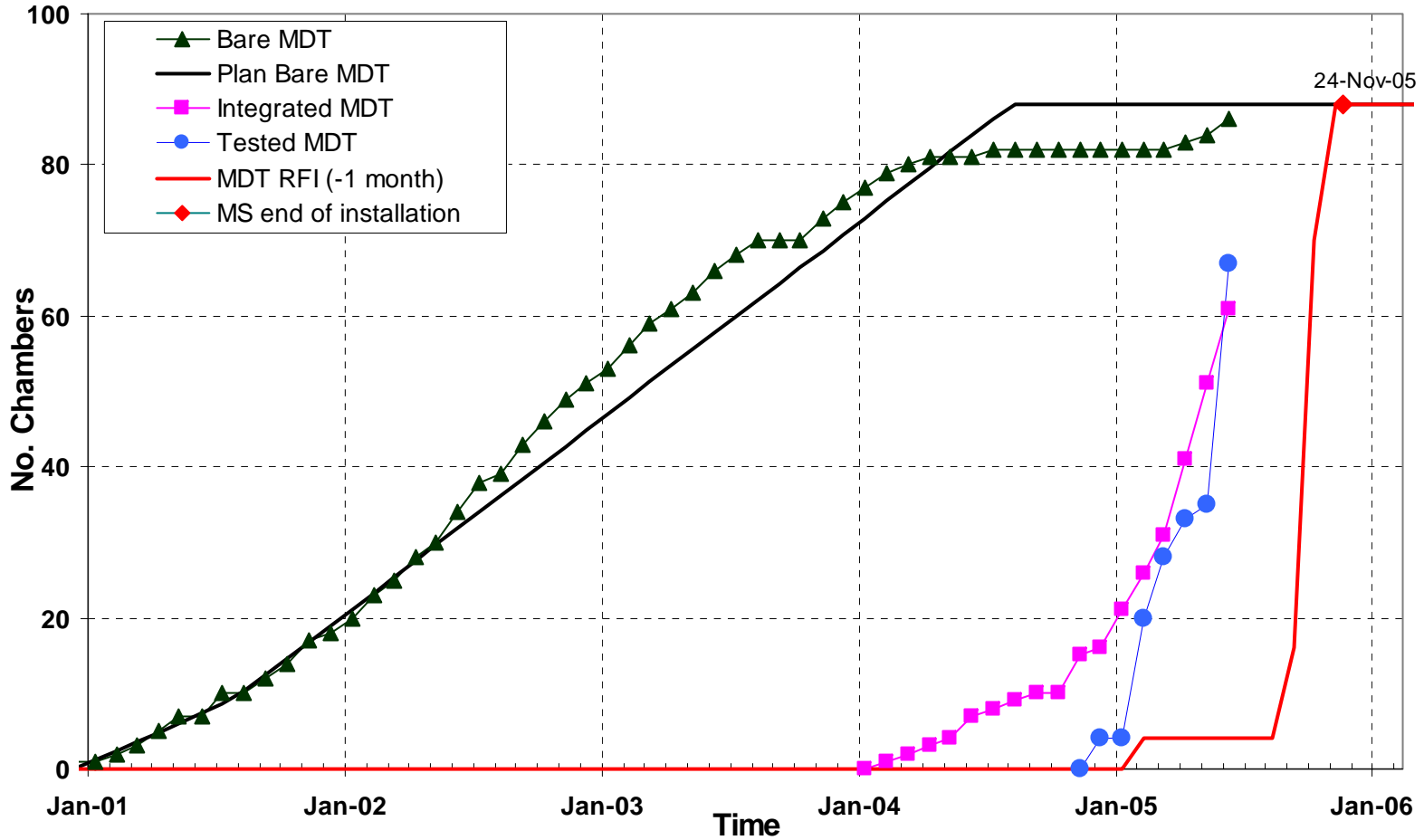
GTE = assembled with final electronics (E)

GTE(I) = tested with final electronics (installed)

Chambers to be replaced

H.Kroha, 25.7.2005

# Munich (72 BOS, 16 BOF)



## BOS/BOF chamber construction and integration schedule 2005

H.Kroha, 22.07.2005

	Chambers t.b.d.	June				July				August				September				October				November				December			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Sector 2, 4, 6, 8: 48 BOS chambers and common supports</b>																													
Glueing (replacement)	2	[Black bars]																											
Gas system	6	[Black bars]																											
Final electronics	8	[Black bars]																											
Cosmics test	8	[Black bars]																											
Common supports	0	[Black bars]																											
Transport CS	0	[Black bars]																											
Transport MDT	36	[Black bars]																											
Integration CERN	48	[Blue bars]																											
Installation	48	[Red bars]																											
<b>Sector 12&amp;14: 12 BOF (8 BOG) chambers and common supports, 12 BOG supports, 12 2<sup>nd</sup> RPC supports</b>																													
Glueing (replacement)	1	[Black bars]																											
Gas system	6	[Black bars]																											
Final electronics	7	[Black bars]																											
Cosmics test	7	[Black bars]																											
Common supports	20	[Black bars]																											
Transport CS	20	[Black bars]																											
Transport MDT	12	[Black bars]																											
Integration CERN	20	[Blue bars]																											
Installation	20	[Red bars]																											
<b>Sector 10&amp;16: 24 BOS chambers and supports</b>																													
Glueing (replacement)	3	[Black bars]																											
Gas system	6	[Black bars]																											
Final electronics	11	[Black bars]																											
Cosmics test	7	[Black bars]																											
Common supports	9	[Black bars]																											
Transport CS	9	[Black bars]																											
Transport MDT	24	[Black bars]																											
Integration CERN	24	[Blue bars]																											
Installation	24	[Red bars]																											

# Schedule MDT-RPC integration at CERN

Week	Monday	RPC prep	plan all	BOS done	sum	BOL done	sum	BML done	sum	MDT prep.	Leak/noise test	MDT/RPC assembly	planned wk	total	BOS ass.	BOL ass	BML ass	Cosm. Test	Cosm. plan	Cosmics BOS	BOL	- BMS	done BML	Install. plan
				10	10	3	3	160	160					80						10	3	64	7	
27	04-Jul	BMS/BOL	10		10	3	6		160		BMS							BML	0					
28	11-Jul	BOS/BMS	10	6	16		6		160		BMS							BML	5			5		BML
29	18-Jul	BMS	10		16		6		160	BOS	BOS							BML	8		3		5	BOL ???
30	25-Jul	BOS	10	10	26		6		160	BOS	BOS	BOS			6			BOS	6	6				BOL ???
31	01-Aug	BOS		10	36	0	6		160	BOS	BOS	BOS						BOS	10	10				
32	08-Aug	BOS		10	46	0	6		160	BOS	BOS	BOS						BOS	10	10				
33	15-Aug	BOS		10	56	0	6		160	BOS	BOS	BOS						BOS	10	10				
34	22-Aug	BOS		10	66	0	6		160	BOS	BOS	BOS						BOS	10	10				
35	29-Aug	BOS		10	76	0	6		160	BOS	BOS	BOS						BOS	10	10				
36	05-Sep	BOS		10	86	0	6		160	BOS	BOS	BOS						BOS	10	10				
37	12-Sep	BOL		0	86	10	16		160	BOL	BOL	BOS						BOS	10	10				
38	19-Sep	BOL		0	86	10	26		160	BOL	BOL	BOL	10			10		BOL/BML	11		5		6	
39	26-Sep	BOS		10	96	0	26		160	BOS	BOS	BOL	10			10		BOL/BML	11		5		6	
40	03-Oct	BOS		10	106	0	26		160	BOS	BOS	BOS	5					BOL	10		10			
41	10-Oct	BOL		0	106	10	36		160	BOL	BOL	BOS	5					BOS	10	10				
42	17-Oct	BOL		0	106	10	46		160	BOL	BOL	BOL				10		BOL	10		10			
43	24-Oct	BOS		10	116	0	46		160	BOS	BOS	BOL				10		BOL	10		10			
44	31-Oct	BOS		10	126	0	46		160	BOS	BOS	BOS	5					BOS/BML	10	5			5	
45	07-Nov	BOL		0	126	10	56		160	BOL	BOL	BOS	5					BOS/BML	10	5			5	
46	14-Nov	BOL		0	126	10	66		160	BOL	BOL	BOL				10		BOL	10		10			
47	21-Nov	BOL		0	126	10	76		160	BOL	BOL	BOL				10		BOL	10		10			
48	28-Nov	BOL		0	126	10	86		160	BOL	BOL	BOL				10		BOL	10		10			
49	05-Dec	BOL		0	126	10	96		160	BOL	BOL	BOL				10		BOL	10		10			
50	12-Dec	BML		0	126	0	96	10	170			BOL				10		BOL	10		10			
51	19-Dec								170									SUM		106	96	69	34	
52	26-Dec								170															
53	02-Jan	BML						0	170			BML	0	80				BML	5				5	
54	09-Jan	BML						8	178			BML	5	85				BML	10				10	
55	16-Jan	BML						10	188			BML	5	90				BML	10				10	
56	23-Jan											BML	4	94				BML	10				10	
57	30-Jan																	BML	10				10	
58	06-Feb																	BML	10				10	
59	13-Feb																	BML	5				5	
60	20-Feb																	BML	0					
61	27-Feb																							
62	06-Mar																							
<b>Total</b>		<b>189</b>			<b>36</b>	<b>150</b>	<b>3</b>								<b>6</b>					<b>106</b>	<b>96</b>	<b>69</b>	<b>94</b>	

H.Kroha, 25.7.2005