

Cathode Production Status

CMS Week,
CERN June 8th 2004

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- Shipment 16 has been delayed by Custom formalities changes in Moscow. The loading date is now fixed for June 14th.
- As anticipated the Mirabelle compressor passed away in April and was replaced by a new one at a **cost of 820 US\$** that we are kindly asked to refund.
- The bill for Custom duties is now documented to be **12.8k US\$** unfortunately the contract states that “ transportation and Custom charges” are CERN responsibility.
- I have asked for a cost estimate for packing and loading the equipment to be shipped back to CERN.
- Cathode production is progressing well toward completion.

Shipments up to Completion

Nr	Date	PHI	MB1	MB2	MB3	CUT	Boxes	Cathodes	Cumulative
0	Bologna	9	1	3	3	0	16	14431	14431
1	04/07/01	3	1	0	0	0	4	3645	18076
2	30/11/01	9	1	0	0	0	10	9115	27191
3	19/04/02	9	2	1	0	0	12	11174	38635
4	06/06/02	9	1	1	1	0	12	11275	49640
5	29/08/02	7	1	1	3	0	12	10906	60546
6	06/12/02	7	2	2	1	0	12	11316	71862
7	07/02/03	8	1	2	1	0	12	11316	83178
8	06/03/03	11	1	0	0	0	12	11316	94494
9	24/04/03	8	1	1	2	0	12	11316	105810
10	17/06/03	10	1	1	0	0	12	11316	117126
11	24/07/03	8	3	1	0	0	12	11316	128442
12	20/10/03	4	0	1	1	6	12	11316	139758
13	17/11/03	6*	2	1	3	0	12	11316	151074
14	02/02/04	12	0	0	0	0	12	11316	162390
15	31/03/04	10*	0	1	1	0	12	11316	173706
16	24/05/04	12	0	0	0	0	12	11316	185022
17	28/06/04	13	0	0	0	0	13	12259	197281
	Total					6	211	197281	



MB1 Production Completed, last boxes shipped from CERN

Shipment 16 Sharing(Modified)

16-1	Phi	2368	943	0			943	Torino
16-2	Phi	2368	943	0			943	Torino
16-3	Phi	2368	943	0			943	Torino
16-4	Phi	2368	943	0			943	Torino
16-5	Phi	2368	943	0			943	Legnaro
16-6	MB3	3010	253	0			943	Legnaro
	Phi	2368	690					
16-7	Phi	2368	943	0			943	Legnaro
16-8	MB2	2490	943	0			943	CIEMAT
16-9	Phi	2368	943	0			943	CIEMAT
16-10	Phi	2368	943	0			943	CIEMAT
16-11	Phi	2368	943	0			943	Legnaro
16-12	CUT	1978	~100	0			943	Legnaro
	Phi	2368	~843					
Total							11316	



Shipment 17 Sharing (Modified)

17-1	Phi	2368	943	0		943	13.05.04	Legnaro
17-2	Phi	2368	943	0		943	17.05.04	
17-3	Phi	2368	943	0		943	20.05.04	
17-4	Phi	2368	943	0		943	24.05.04	
17-5	Phi	2368	943	0		943	26.05.04	
17-6	Phi	2368	902	41		567	31.05.04	
17-7	Phi	2368	748	35			00.06.04	Torino
	Phi A							
17-8	Phi A	2368	680				00.06.04	
17-9	Phi A	2368					00.06.04	
17-10	Phi A	2368					00.06.04	
17-11	Phi A	2368					00.06.04	
17-12	Phi A	2368					00.06.04	
17-13	Phi A	2368					00.06.04	

Mixed Phi/ Phi A box 17-7 to Torino

June 4th Status Report

Type	Ready to test	Inside test-boxes	Ready for package	Note
Phi A	594	84+90	0	756 - after cut

7045 packed

768 to test

4446 to do (Shipment 17 ready)

Cathode Production Summary

Delivered Standard	Aachen		CIEMAT		Legnaro		Torino
	MB1	Phi	MB2	Phi	MB3	Phi	Phi
Up to N.15 168604	15776	30476	14803	35124	15467	41214	15744
End Prod 192079	15776	30476	15746	37010	15720	51234	26117
Required	-15363	-30076	-15363	-36392	-15363	-50800	-25445
Spares 3377	413	400	383	618	357	434	672
	Chimney		Chimney		Chimney		Chimney
Delivered 5222	841		1010		2551		820
Required	-800		-968		-2320		-772
Spare	41		42		231		48

Note:

The "Required" cathode includes about 4% spares for the Phi cathodes and 3% for the Theta.

Summary

- The cathode production is progressing very well
 - If all goes well, we have only **one**
- “Cathode Production Status” reports left