





CMS RPC group



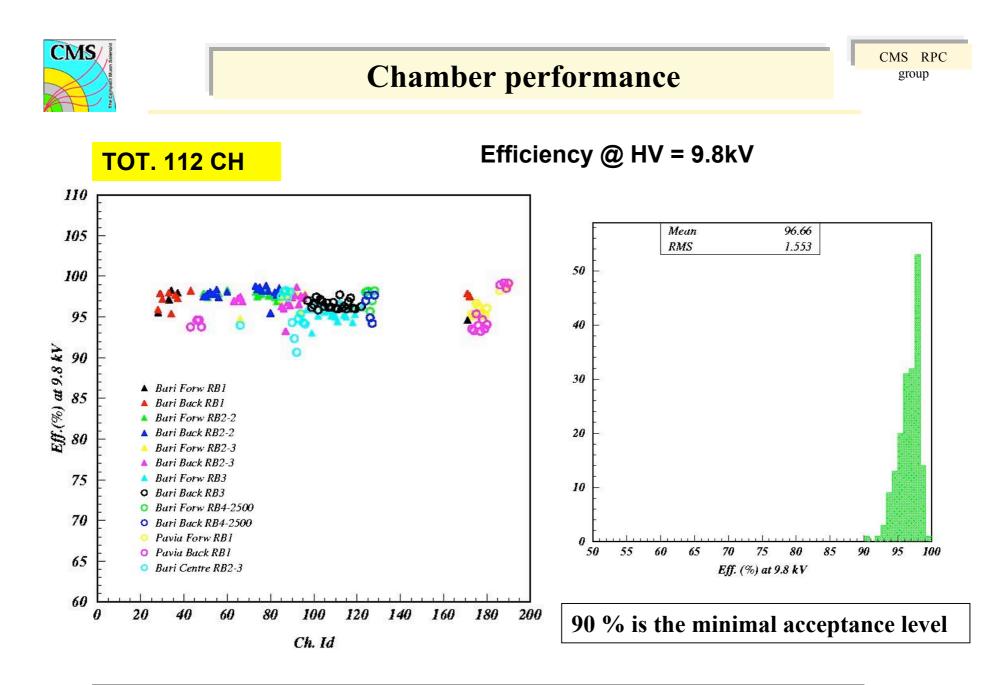
9 chambers were built in two weeks.

Now under testing



Overview of CHAMBERS

	W+2 W+1 10 Sectors 2 6,8 12	W 0 10 Sectors 2 6,8 12	W-2 e W-1 10 Sectors 2 6,8 12	W-2,W- 1, W+2,W+ 1 e W0	Total	test line
RB1	40	20	40	Sect.1-7 20	120	
RB2/2 RB2/3	20 20	10 10	20 20	10 10	60 60	
RB3	40	20	40	20	120	Production citory quality
RB4-1500 RB4-2000 RB4-2500	12 24 4	6 12 2	12 24 4	- 20 -	30 80 10	<u>Production sites</u> : quality control (current and dead strips)
Total	160	80	160 (30)	80	480	
Tot: done	102	40	11	3	156	
Total	78	24	8	2	112	<u>Test sites</u> : study of the chambers performance with cosmic rays
						ISR: long term current
Total	50	6	3	0	59	stability and final cosmic rays test

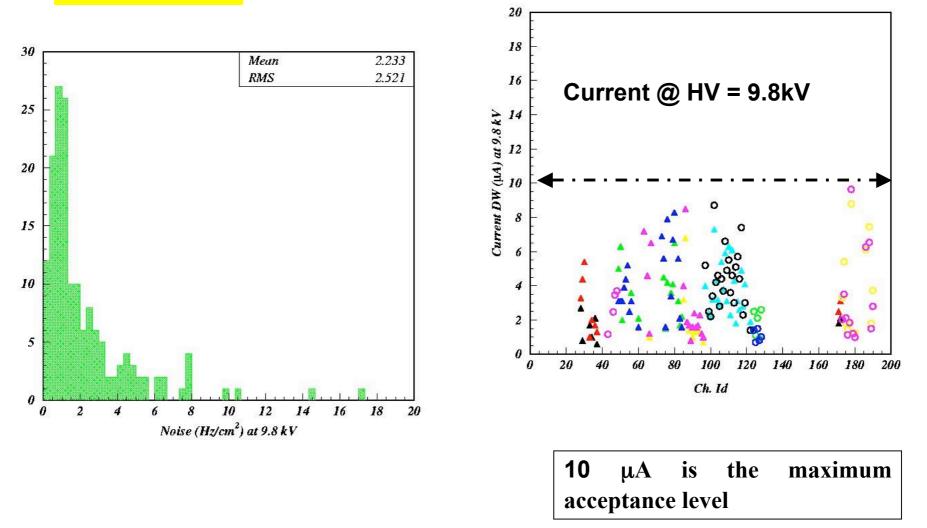


Row date in DB: increase of the efficiency with reconstruction method.

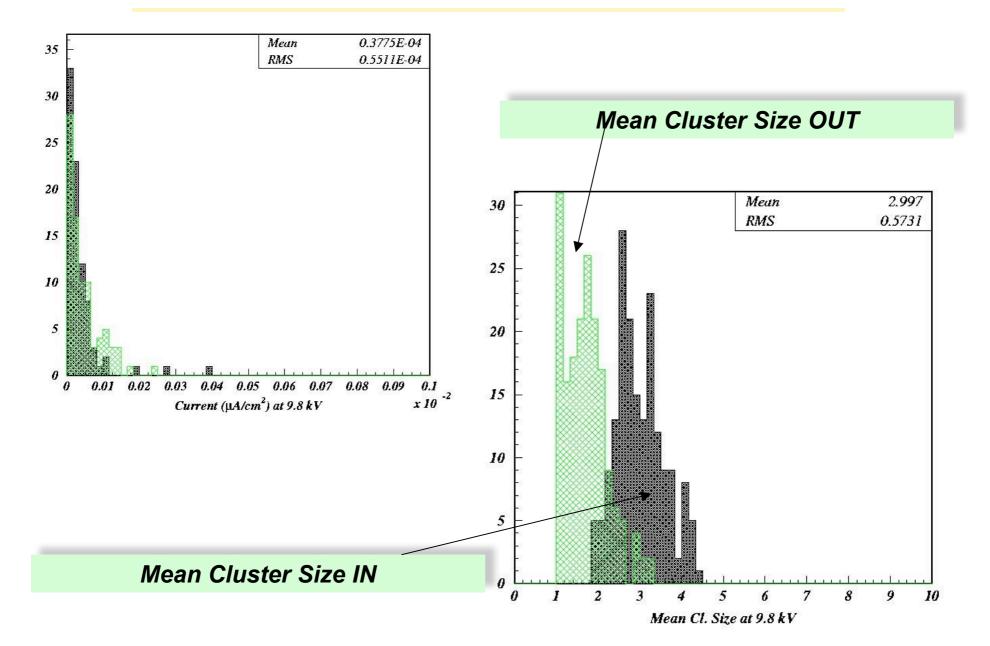


Chamber performance

TOT. 112 CH



Chamber performance





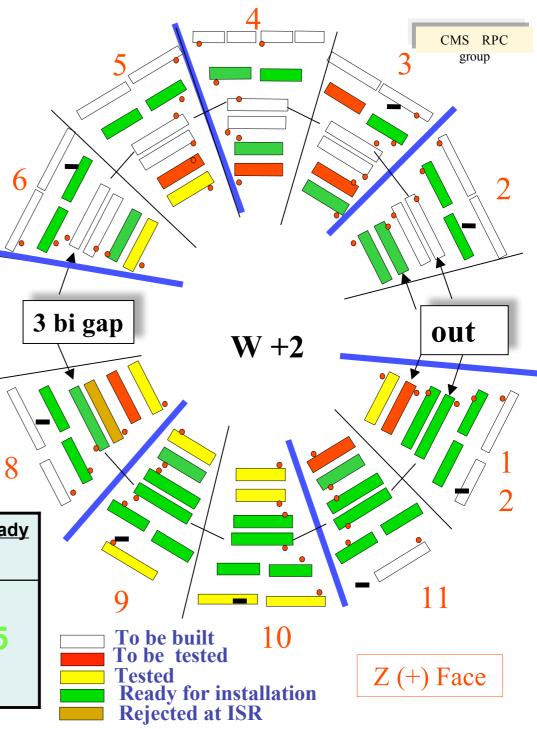
W+2

•**RB1** and **RB3** under test in Pavia and Bari. They will be sent to ISR by the end of May and June (bottom and top).

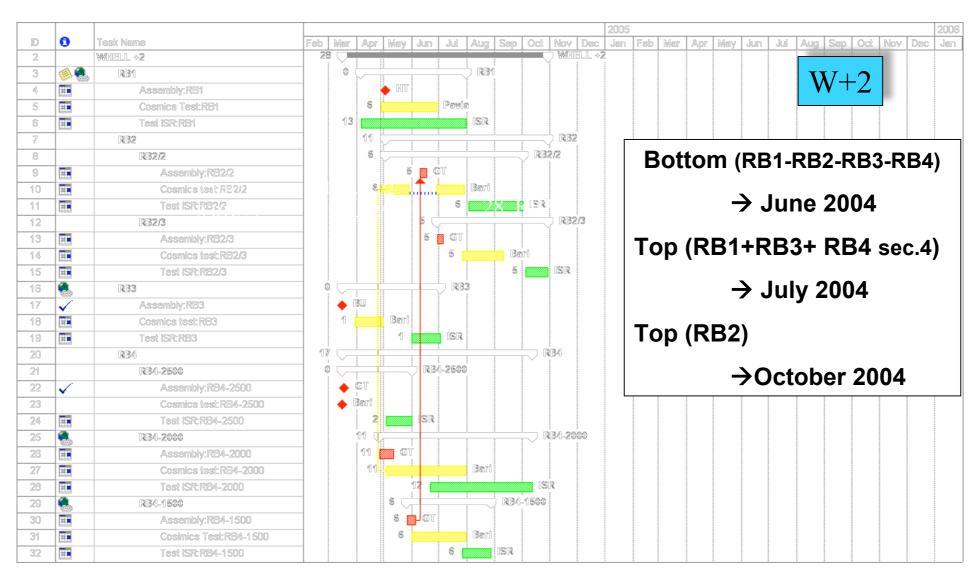
•**RB4** construction is starting in GT. Completion expected by the end of May. Sect. 4 ready in ISR in July.

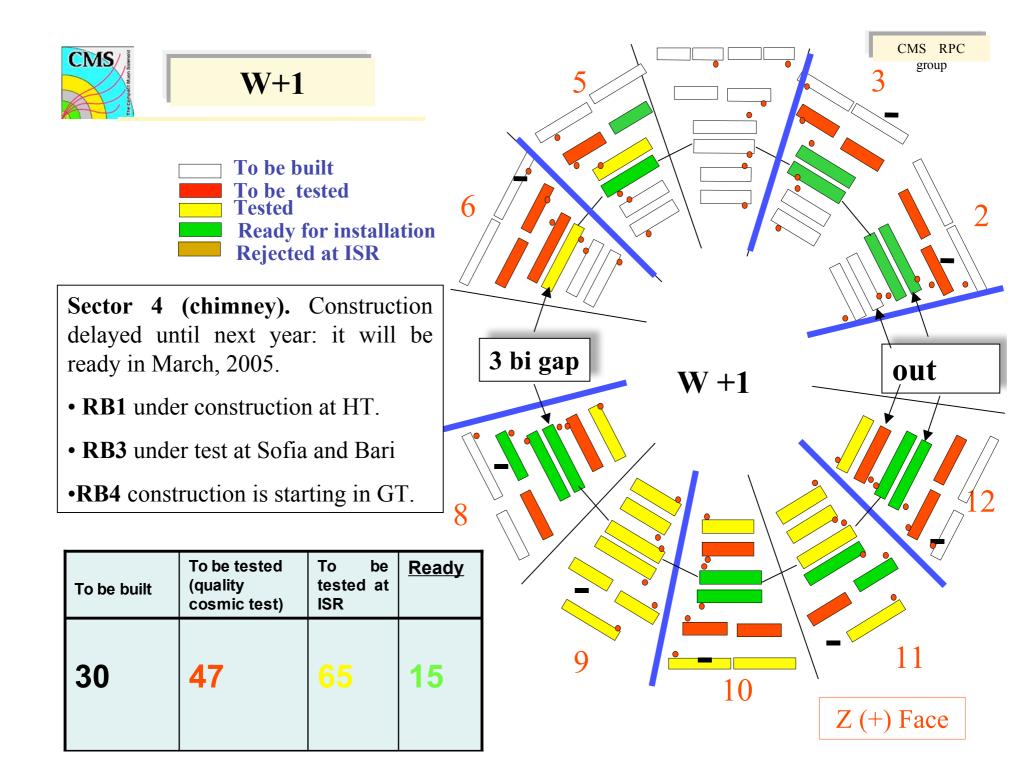
•**RB2** construction, in GT, after RB4. Ready at ISR in October.

To be built	To be tested (quality cosmic test)	To be tested at ISR	<u>Ready</u>
28	35	45	35

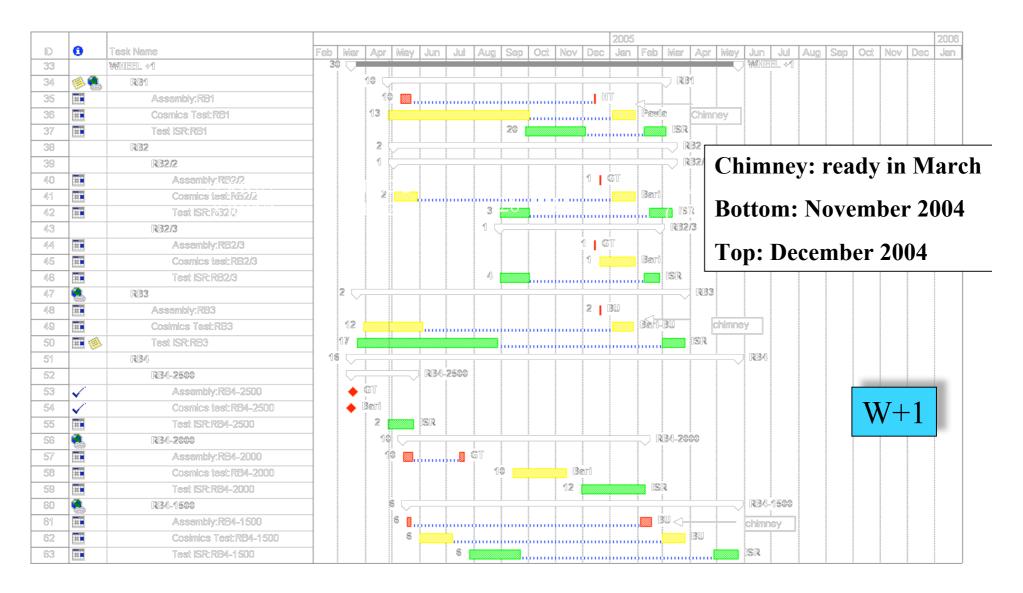


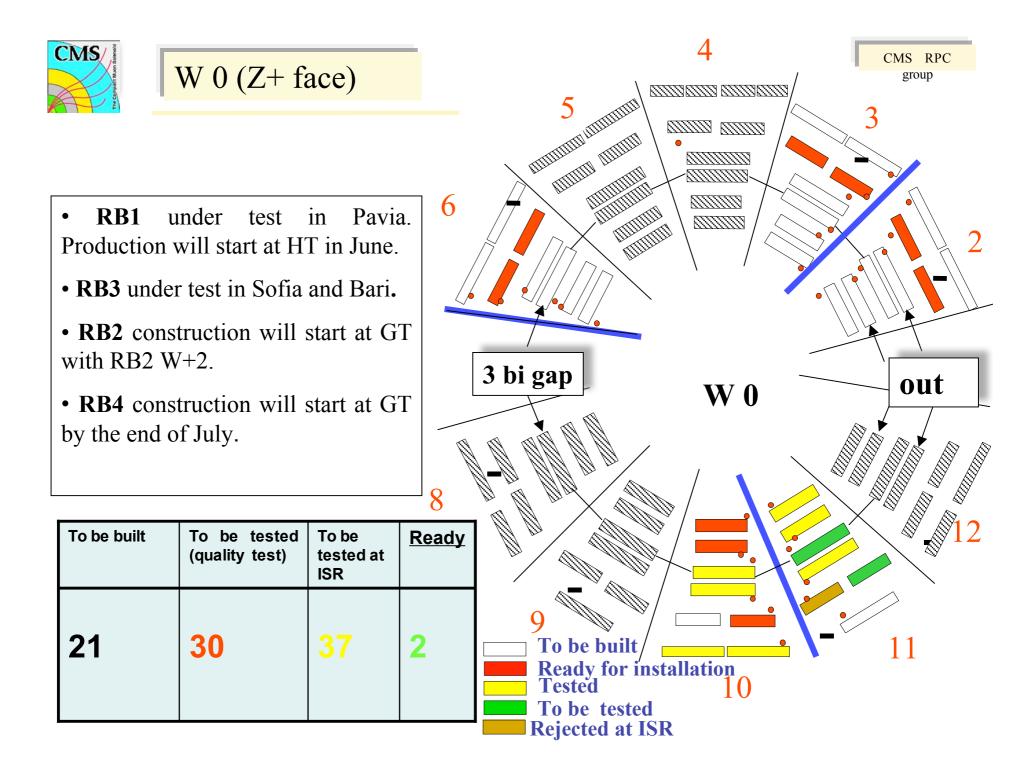












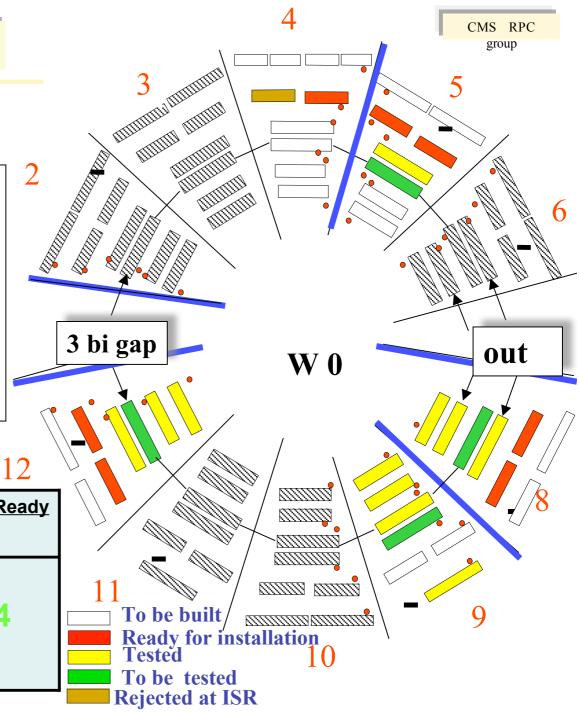


• **RB1** under test in Pavia. Production will start at HT in June.

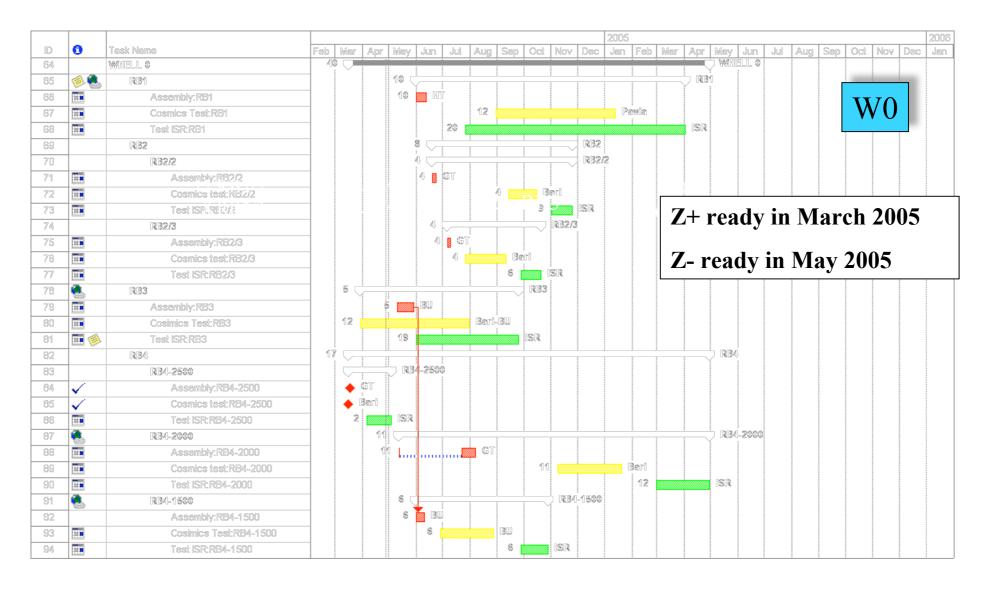
W 0 (Z-face)

- **RB3** under test in Sofia and Bari.
- **RB2** construction will start at GT with RB2 W+2.
- **RB4** construction will start at GT by the end of July.

To be built	To be tested (quality test)	To be tested at ISR	<u>Ready</u>
19	26	37	4







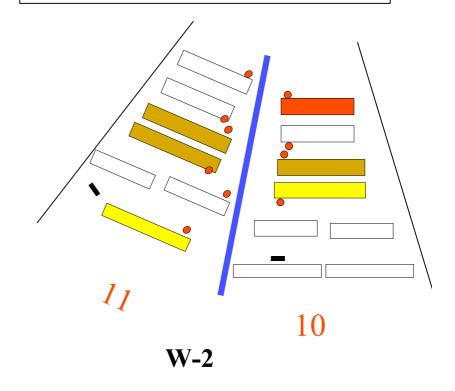


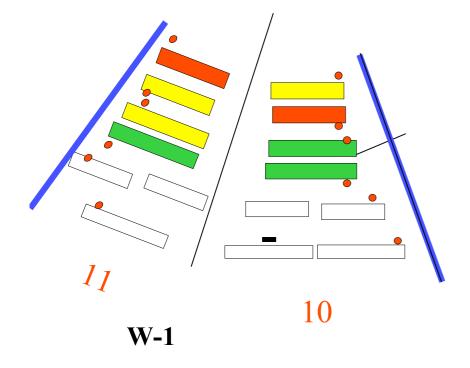
W-1 e W -2



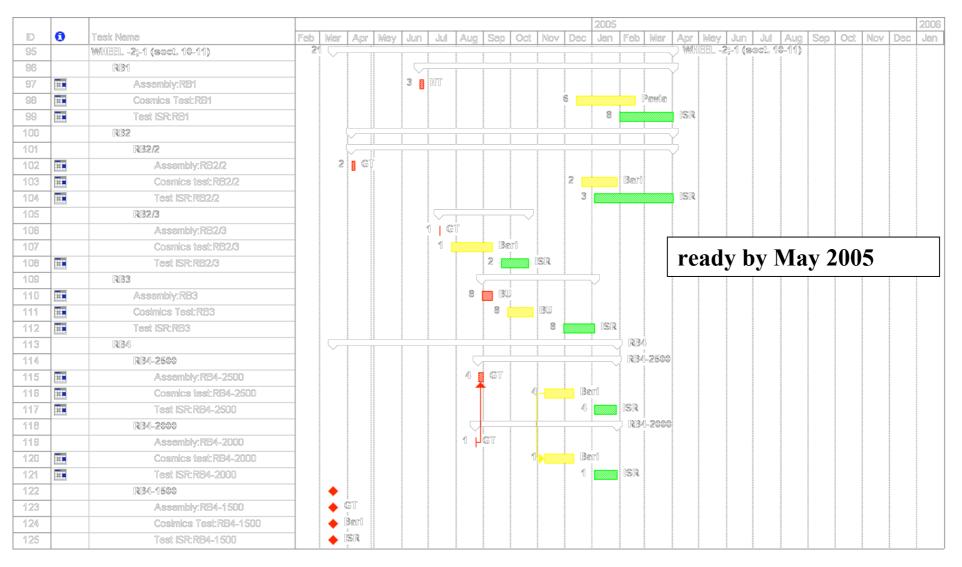
To be built	To be tested (quality test)	To be tested at ISR	<u>Ready</u>
19	22	27	3

- **RB1** under test in Pavia. Production will start at HT by the end of June 2004.
- **RB3** production will start in Sofia by September 2004.
- **RB4** construction will start at GT by the end of August 2004.











Conclusion

CMS RPC group

RPC installation deadline

- 1. W+2 (bottom): **RB1** + **RB2** + **RB3** + **RB4** (9-10-11) →
- 2. W+2 (top): **RB1 + RB3+ RB4 (sect.4)**
- 3. W+2 (top): **RB2**
- 4. W+1 (bottom): **RB1 + RB2+RB3+ RB4 (9-10-11)**
- 5. W+1 (top): RB1+**RB2+RB3**
- 6. W+1 (chimney)
- 7. W0 (Z+): RB1+**RB2+RB3+RB4 (10-11)**
- 8. W0 (Z-): RB1+**RB2+RB3+RB4 (9)**
- 9. W-1 e W-2: RB1+RB2+RB3+RB4

- **June 2004**
- \rightarrow July 2004
- \rightarrow October 2004
- → November 2004
- → December 2004
- → March 2005
- → March 2005
- → May 2005
- → May 2005