

EMC Monitoring Door Closing Checklist

DATE: ____/____/____

NAME: _____

This checklist is to be filled before the detector doors are closed after *any* intervention. It consists of two parts: inspection of the hardware and software checks using Epics displays. Fill all boxes and if you answer no to any of those questions, contact the monitoring expert (pager 849 9108) as soon as possible and notify the BaBar shift leader.

1. **Visual Inspection.** Verify that there is no break in the CAN bus line and that the Monitoring boards accessible to you, all have their green led on and the orange led flashing from time to time (refer to picture in the checklist folder for detailed location of components)

Barrel Backward.

Shields	ON	ÿ	OFF	ÿ
Can Bus OK ?	YES	ÿ	NO	ÿ
GMB OK ?	YES	ÿ	NO	ÿ

Remarks : _____

Barrel Forward

Shields	ON	ÿ	OFF	ÿ
Can Bus OK ?	YES	ÿ	NO	ÿ
GMB OK ?	YES	ÿ	NO	ÿ

Remarks : _____

End Cap

Can Bus OK ?	YES	ÿ	NO	ÿ
GMB OK ?	YES	ÿ	NO	ÿ

Remarks : _____

Electronics House

Rack B620B-01. All GMBs flashing ?	YES	ÿ	NO	ÿ
Rack B620B-02. All GMBs flashing ?	YES	ÿ	NO	ÿ
Rack B620B-03. All GMBs flashing ?	YES	ÿ	NO	ÿ
GMB power supply chassis (B62B-03) all switches ON ?:	YES	ÿ	NO	ÿ

Remarks : _____

2. **Software Checks.** Bring up the main Epics Display, and check the different panels. During normal Operation all values displayed on the panel should be green.

- ✓ **Barrel Crystal Temperatures OK ?** YES ÿ NO ÿ
- ✓ **End Cap Crystal Temperatures OK ?** YES ÿ NO ÿ
- ✓ **Barrel Backward IOB Temperatures OK ?** YES ÿ NO ÿ
- ✓ **Barrel Forward IOB Temperatures OK ?** YES ÿ NO ÿ
- ✓ **End Cap IOB Temperatures OK ?** YES ÿ NO ÿ
- ✓ **TRB Low Voltage OK ?** YES ÿ NO ÿ

- ✓ **Barrel Backward Low Voltage OK ?** Remarks
- QUAD 0 : YES ÿ NO ÿ _____
- QUAD 1 : YES ÿ NO ÿ _____
- QUAD 2 : YES ÿ NO ÿ _____
- QUAD 3 : YES ÿ NO ÿ _____

- ✓ **Barrel Forward Low Voltage OK ?**
- QUAD 0 : YES ÿ NO ÿ _____
- QUAD 1 : YES ÿ NO ÿ _____
- QUAD 2 : YES ÿ NO ÿ _____
- QUAD 3 : YES ÿ NO ÿ _____

- ✓ **End Cap Low Voltage OK ?**
- EAST : YES ÿ NO ÿ _____
- WEST : YES ÿ NO ÿ _____

- ✓ **Dry Nitrogen Humidity level OK ?** YES ÿ NO ÿ
- ✓ **Runnable Panel: bypass all inactive ?** YES ÿ NO ÿ

Any Additional Remark:

Signature: