

NRB Minutes for SPIRE-RAL-NCR-0103  
SPIRE-RAL-MOM-002327

**Present**

Eric Clark  
Eric Sawyer  
Bruce Swinyard  
Doug Griffin  
Phil Parr-Burman  
Brian Stobie

**Date:** Friday, 04 February 2005, 1:37 PM

**Minutes**

The different models of the BSM position sensor are wired with different polarity which would imply different versions of firmware would be required for different models of the BSM. This is not acceptable.

It was agreed that the best solution would be to rewire the BSM so that the position sensor output vs. increasing motor current is positive going. This would imply the least amount of rework to S/N 070.

RAL to make an amendment to NCR outlining the changes

This rework would be carried out on solder buckets of the MDM37S.

This would require the removal of the back cover of the BSM

Two wires would be swapped and then closed up again

It was agreed that ATC would make a proposal for acceptance testing of the BSM after rework which would be agreed with RAL

It was agreed that the proposed closure of the NCR would be sent to LAM for approval/comment