

## APGAR Software Outstanding Issues.

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- 1 Error conditions are detected for the following software operations:  
  
I2C communications  
A/D functionality and accuracy checking  
  
We need to incorporate error reporting into the software for these.
- 2 Do we need a software volume control for the sounder?
- 3 Re-writing the appropriate routines so that the “beeps” are of consistent length for any key press.
- 4 Re-writing the Real Time Clock initialisation routine to give a greater resolution than 1/64 second to cope with possible oscillator circuit production tolerances.
- 5 Should we utilise the hardware watchdog time to aid recovery from possible error conditions?