This ATM documents the basic Lunar Mass Spectrometer Reliability Logic Diagram and establishes responsibility for the reliability calculations for each block.

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The following block diagram shows the interrelation of the various parts of the Lunar Mass Spectrometer for reliability purposes.

BxA will calculate the reliability of those blocks labeled "BxA", the University of Texas at Dallas will calculate the reliability of those blocks labeled "UTD". BxA will be responsible for the system reliability calculations from point (A) to (F).

The block diagram also defines the reliability functions for the purpose of FMEA's and Parts Application Analysis as required of UTD in ARD 459 C.