

Minutes from BPM Software Specifications meeting  
January 23, 2004  
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There will be one VME crate per service building.

The processor cards must contain clock decoders on board for the MOOC software libraries to function. These are currently constructed and supplied by the AD/Controls department.

There will be a different acquisition mode called the first turn acquisition. This is very similar to turn-by-turn mode, and it involves capturing the first turn of a proton bunch that is injected. The frontend processor will be required to capture the single turn position measurement and calculate a closed orbit based on the data taken in the turn-by-turn buffer. These two values are returned to the operator in first turn acquisition mode.

A new buffer will need to be created that will store and save the first turn closed orbit position. The actual first turn flash can be stored in the flash buffer.

We need some guidance as to how the Tevatron department would like to utilize the narrowband and wideband operational modes.

Having the buffer documents updated is critical for completion of the frontend software specifications. Jim will talk with Al Baumbaugh and get that finished.