

Subject: RE: S3374: Controls questions

From: Douglas Smith <Douglas.Smith@FMB-Oxford.com>

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To: Eric Dufresne <dufresne@anl.gov>

CC: Richard Green <Richard.Green@FMB-Oxford.com>, Jonathan Randall <Jonathan.Randall@FMB-Oxford.com>

Good morning Eric,

Sorry for the delayed reply I have been out of the office. Generally we use ZMX+ Phytron driver cards set for 1/20 step for our tests, we can go higher depending on the resolution of the system (our rule is >3 encoder counts per motor step for a stable closed loop system).

Motor speeds can vary but we use 2cts/msec as a starting point, acceleration for slits isn't too important so try 20msec also as a starting point.

Hope this helps, if you requires anything further please let me know.

Regards,


Doug.

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