

PIP-II IT HWR - Milestone #24136

HWR Slow Tuner Testing at CMTF

03/05/2020 06:16 PM - Philip Varghese

Status:	New	Start date:	03/05/2020
Priority:	Normal	Due date:	
Assignee:	Philip Varghese	% Done:	90%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	4.00 hours
Description			
<p>Testing of the slow tuner system for HWR has started. The valves and transducers were exercised with manual controls and the stage 1 tuner hardware configuration. The tuning range was measured for a couple of cavities. 7 of the 8 cavities have been tested so far. An analog pressure regulation loop available with the stage 1 hardware was also tested for all the cavities. Cavity 8 is awaiting some connector parts for the tuner cable. Initial test data is attached.</p>			

History

#1 - 03/16/2020 04:58 PM - Philip Varghese

- % Done changed from 0 to 90

- File HWR Slow Tuner Measurements_03_13_20.docx added

- File HWR_Tuning_Range.png added

Tuning range measurements were completed on cavity 7 and 8. The full measurement data for all 8 cavities is attached.

Files

HWR Slow Tuner Measurements_03_03_20.docx	15.8 KB	03/06/2020	Philip Varghese
HWR_Tuning_Range.png	407 KB	03/16/2020	Philip Varghese
HWR Slow Tuner Measurements_03_13_20.docx	20.8 KB	03/16/2020	Philip Varghese