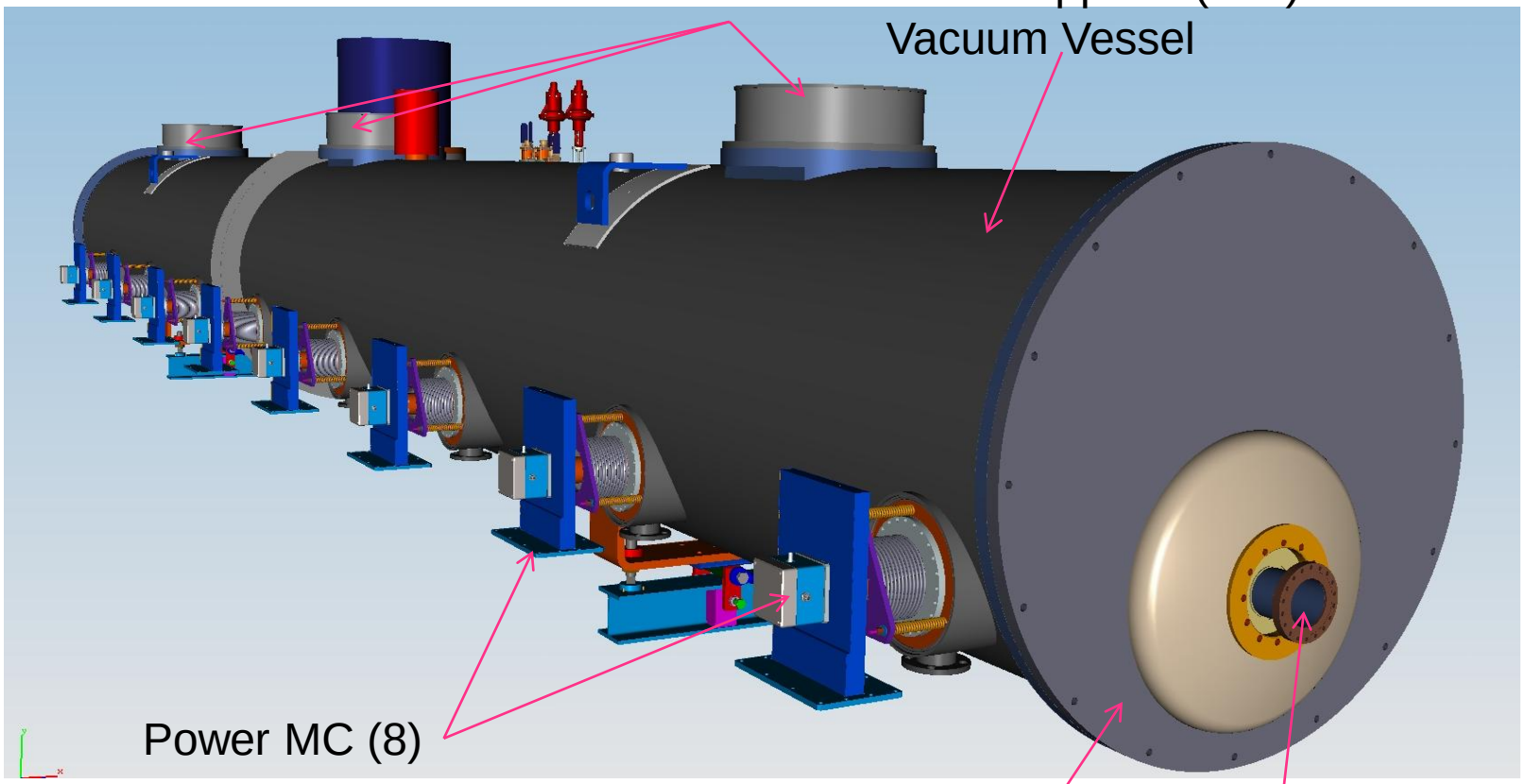
CRYOMODULE 650 (TESLA Style) Stand Alone update

Tom Peterson and Yuriy Orlov

Collaboration Meeting

10 May 2011

650 MHz Cryomodule (Tesla Style-Stand Alone)

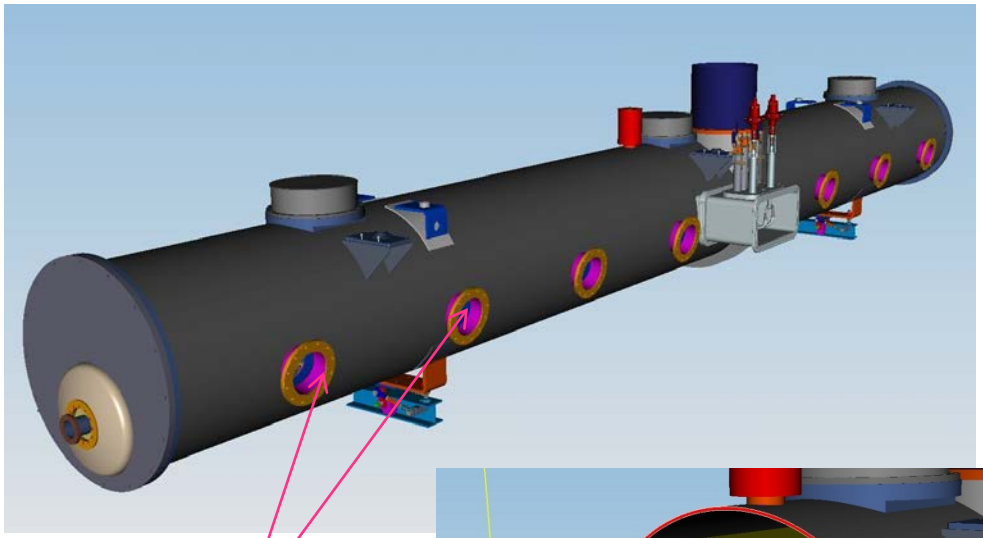


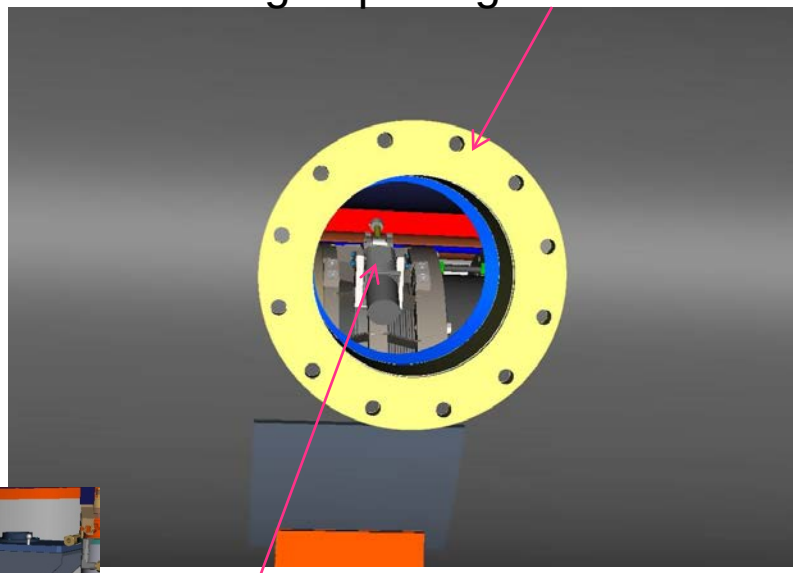
Updated requirements doc

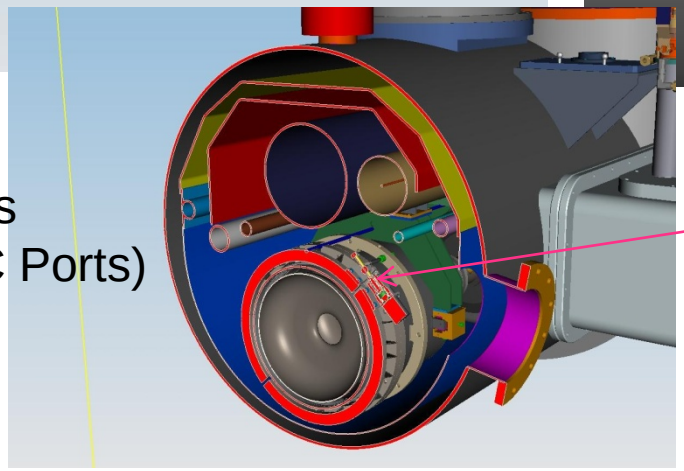
- FRS 650 MHz HE_CM_draft-v4.pdf
- Will upload this to the Project X document database
- Includes requirement for access to tuner motors

650 MHz Cryomodule. Tuner motor ports

Flange opening Dia:~250mm



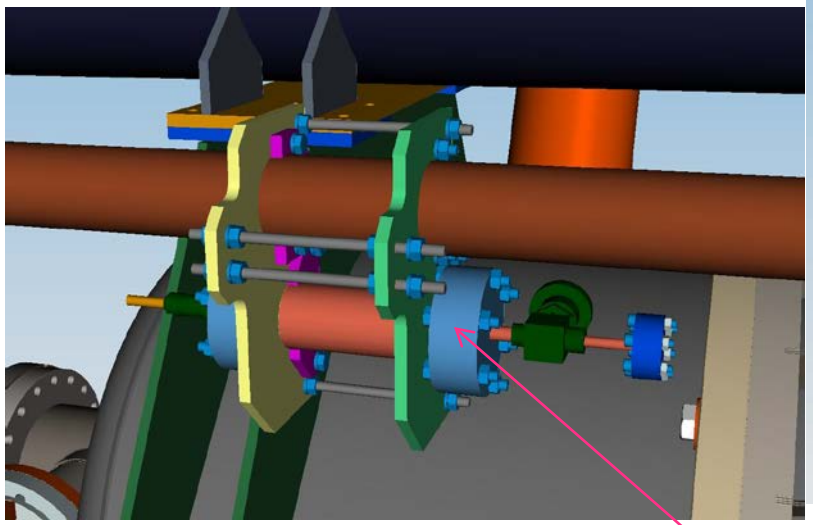


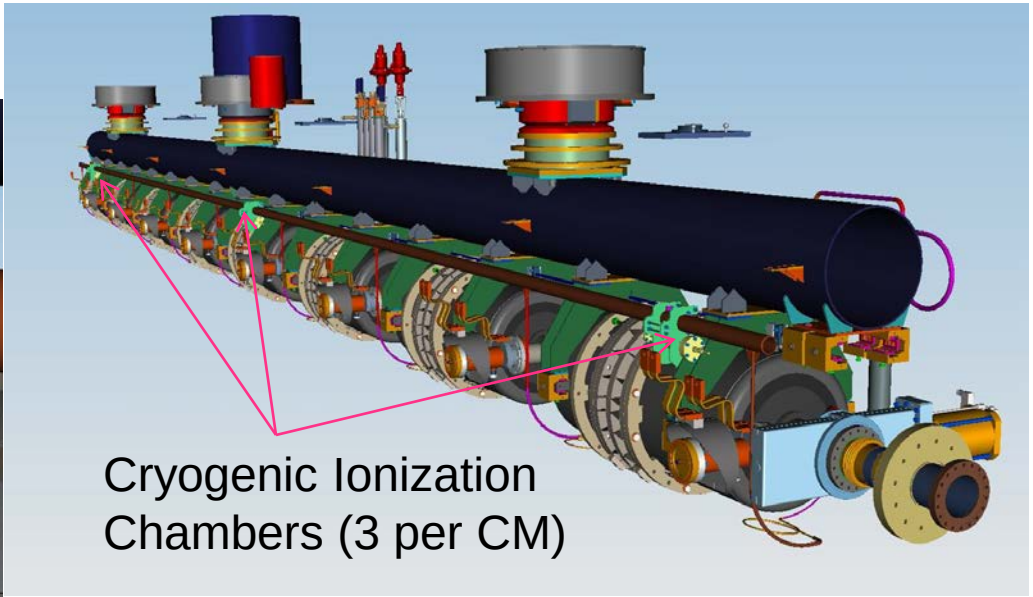


Tuner motor access Ports (opposite MC Ports)

Tuner motor, install on the cavity

650 MHz Cryomodule. Vacuum loss monitors.

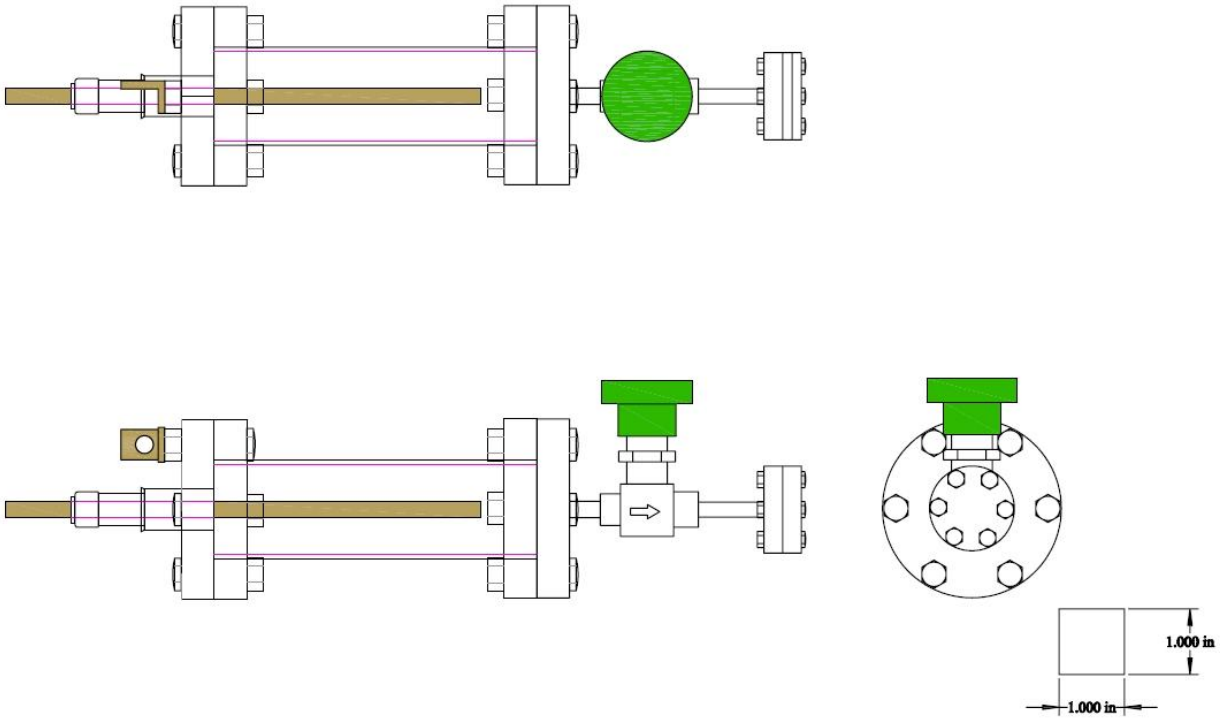




Type : Cryogenic beam loss monitors can be operate from inside the cryomodules from 5k to 350k.
(by Arden Warner, FNAL)

Refillable Cryogenic Ionization Chamber

Refillable Cryogenic Ionization Chamber
He-120
Volume 120cc He



Ph: (512)533-9933 FAX: (512)533-9934 www.BridgeportInstruments.com	Standard Tolerances (unless otherwise noted) 0.X = ± .03 0.XX = ± .015 0.XXX = ±.005 Angular Degrees ± 2 Degrees	Project Description: Refillable He Cryogenic Ionization Chamber	Drawing Number:0000542	Revision: B
			Title: CryoIon Chamber (3 Views)	
		Drawn by: B.Hurst	Date:Nov. 02, 2009	Sheet 2 of 2