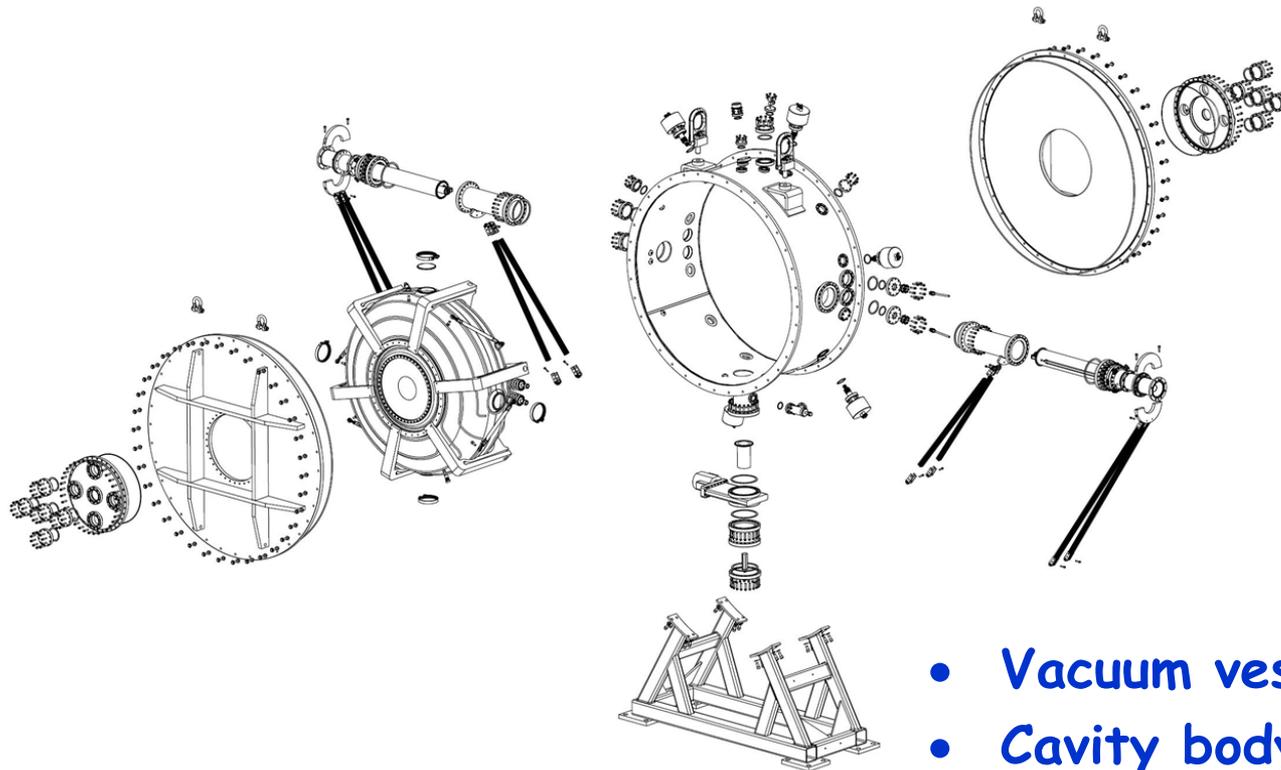


201 MHz Single-Cavity System

MICE production cavities

201 MHz MICE Production Cavity



- Vacuum vessel at Fermilab
- Cavity body has been processed
- Tuners complete
- Goal: under test by 9/1/12 (!?)

Goals of WS

- The current plan is to assemble the cavity with tuners in the vacuum vessel main body in a remote clean room and then transport to the MTA
- Answer these questions:
 - ◆ Is this possible?
 - ◆ What are the assembly procedures?
 - ◆ What tooling/fixturing is needed?
 - ◆ Will it fit?

Component status

- Where do we stand w/r to component parts:
 - ◆ Tuners
 - ◆ Actuators
 - ◆ Cavity body
 - ◆ Be windows
 - ◆ RF couplers (& windows)
 - ◆ Vacuum system
 - ◆ Miscellaneous parts
- In addition, we should come away with an understanding of
 - ◆ Tuner control system
 - ◆ Diagnostic needs

Finally

- Can we come out of this meeting with a realistic schedule?