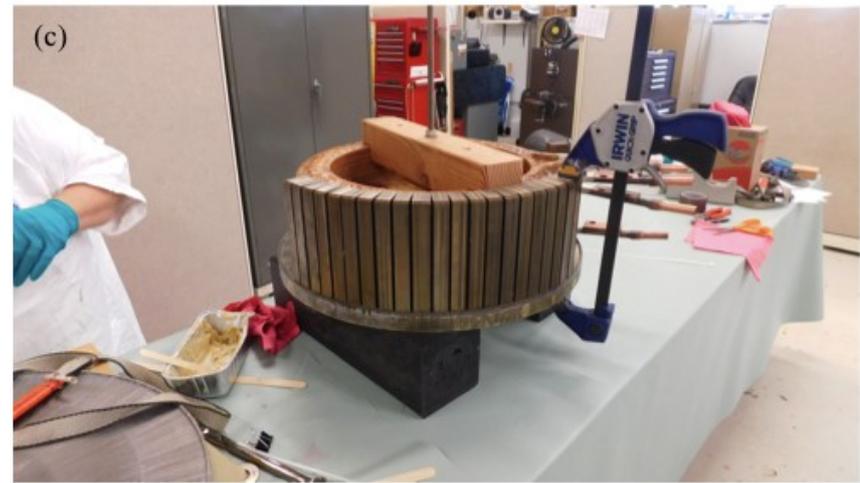
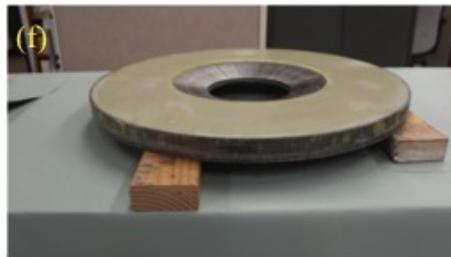
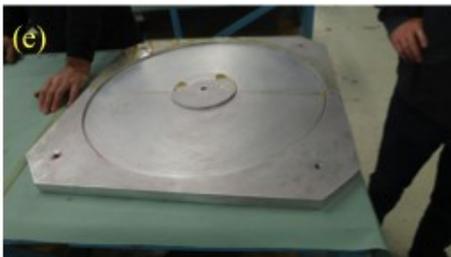
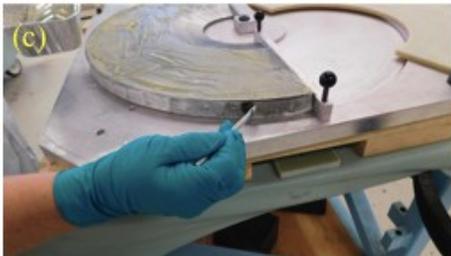
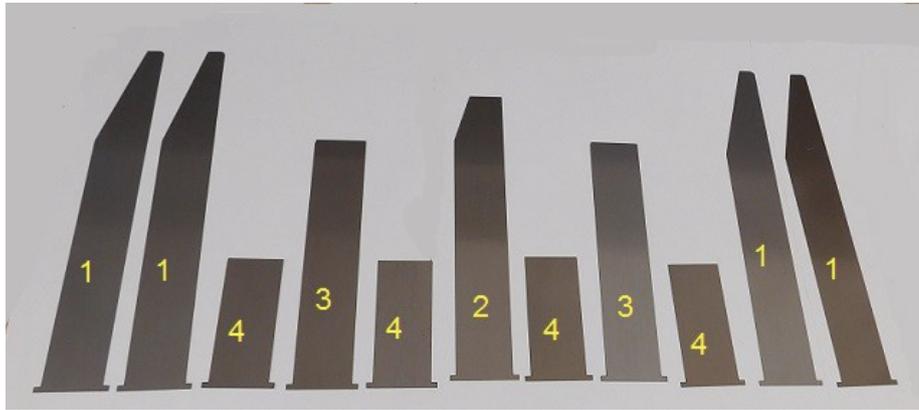


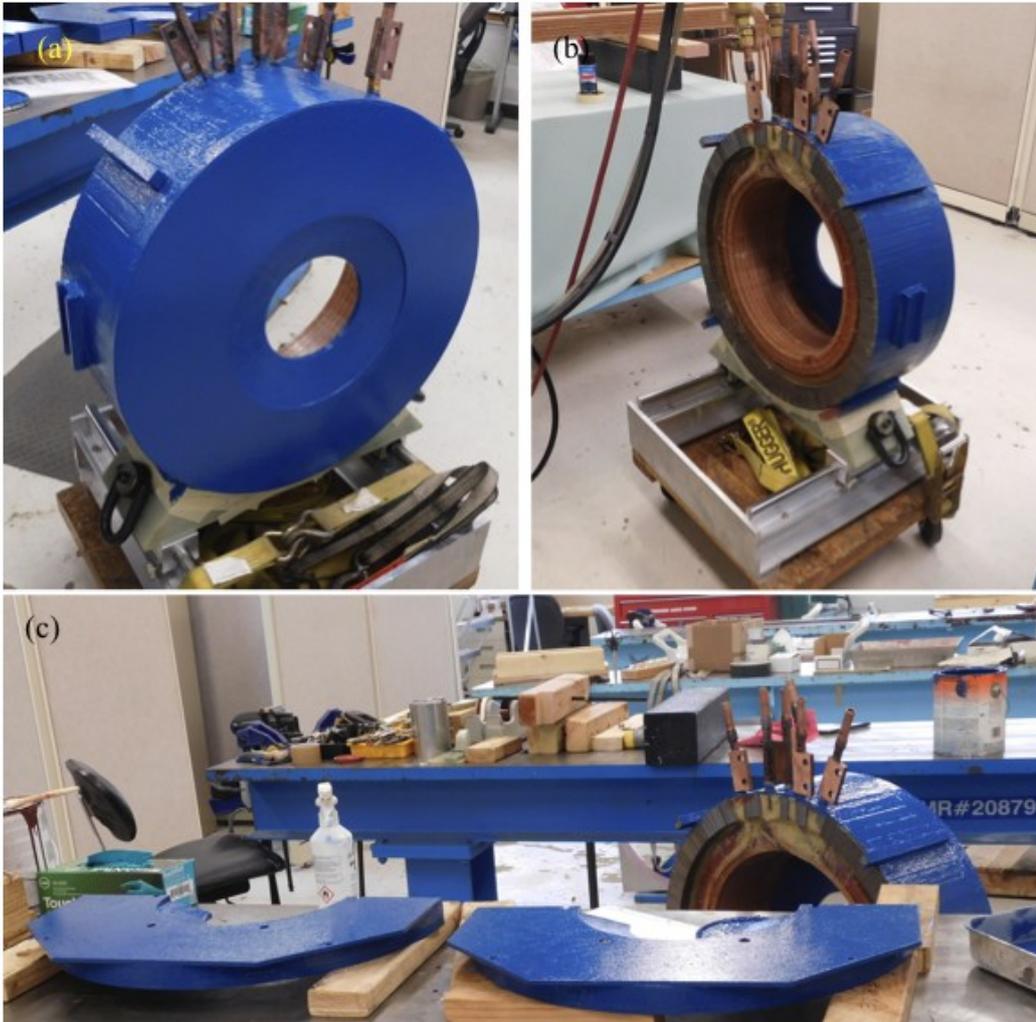
# 2<sup>nd</sup> harmonic cavity update

C.Y. Tan  
30 May 2018

# Solenoid



# Final assembly

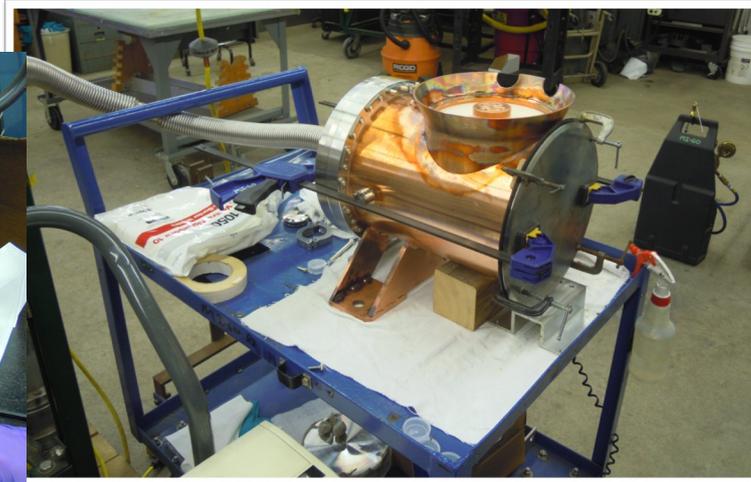


Solenoid will be delivered tomorrow to F0 because of rain.

Next step is to test hook up water and test solenoid with bias supply at F0.

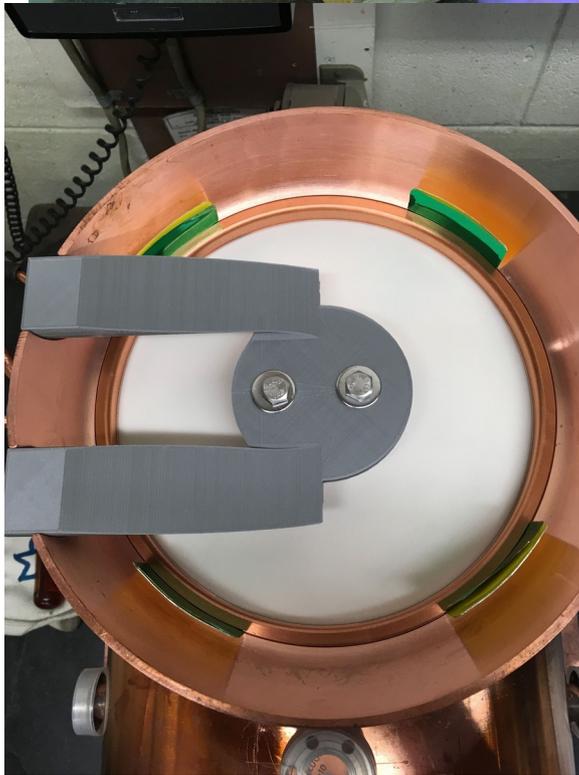
The weight of the solenoid is 750 lbs.

# Welding the flat window



The subassembly has been leak checked to  $2 \times 10^{-10}$  mbar L/s.

Next step is to weld on the PA outer shell.



# Copper plating outer shell



A bit rusty but will be polished and cleaned.



# Copper masking of inner shell



Masking of the inner tuner shell has been done. Promise delivery is this Friday 01 June.

This is the bottleneck! Once we clear this bottleneck, the next step is to clean, weld on beam pipe and conical window.

We essentially have a cavity!