



# *TPC installation update*



*TPC group*

*Light collection group*

*Electronics group*

*LArIAT meeting  
October 14<sup>th</sup>, 2014*

# *TPC is in! (the cryostat)*

➤ *Brief pictorial history of TPC installation*

➤ *Sorry! Most of the photos are blurry – we'll do better at the next  
update*

# *October 5th: TPB foils installation*

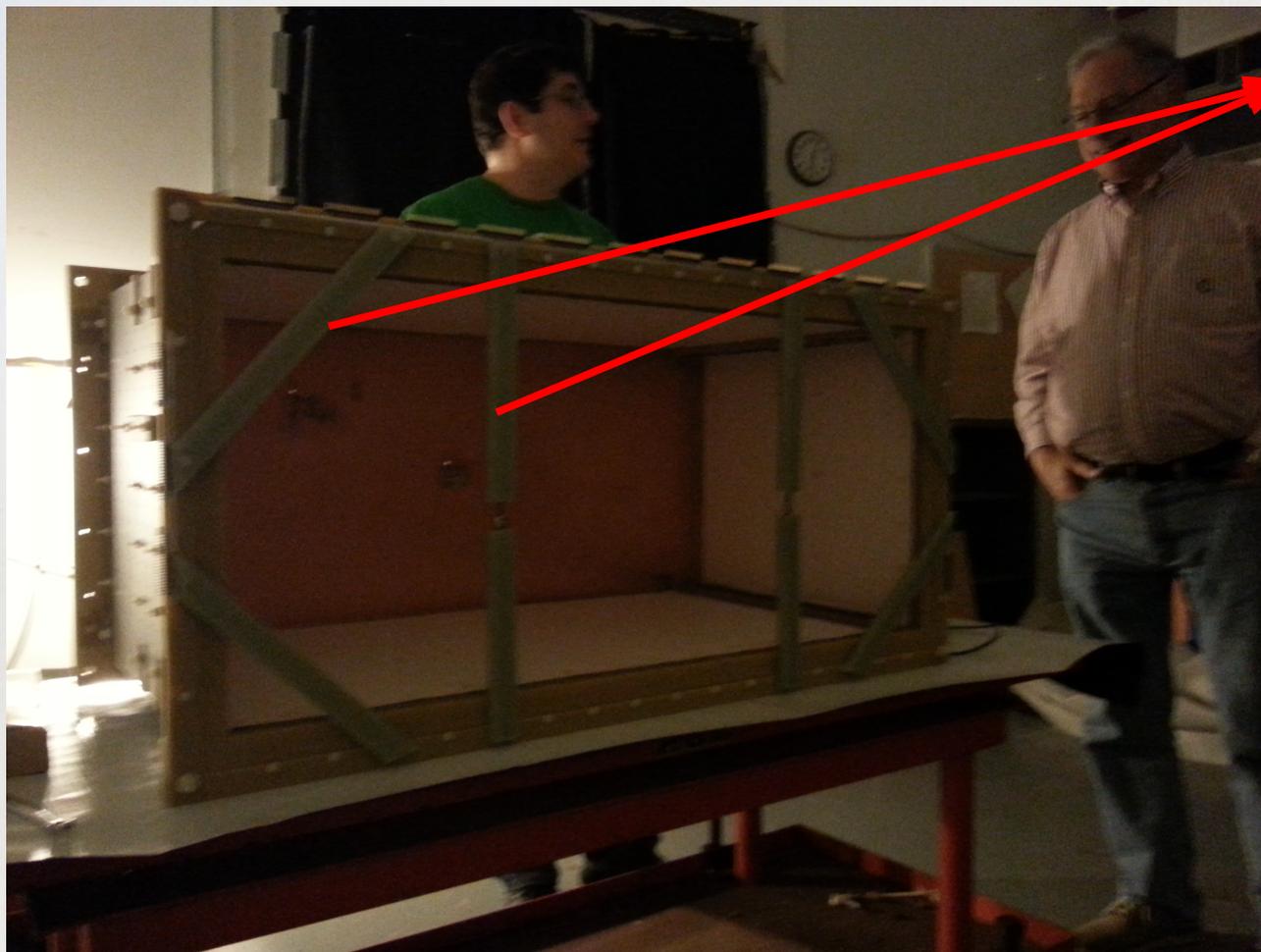


➤ *Smooth  
installation*

➤ *Wire planes  
installed right  
after the foils*

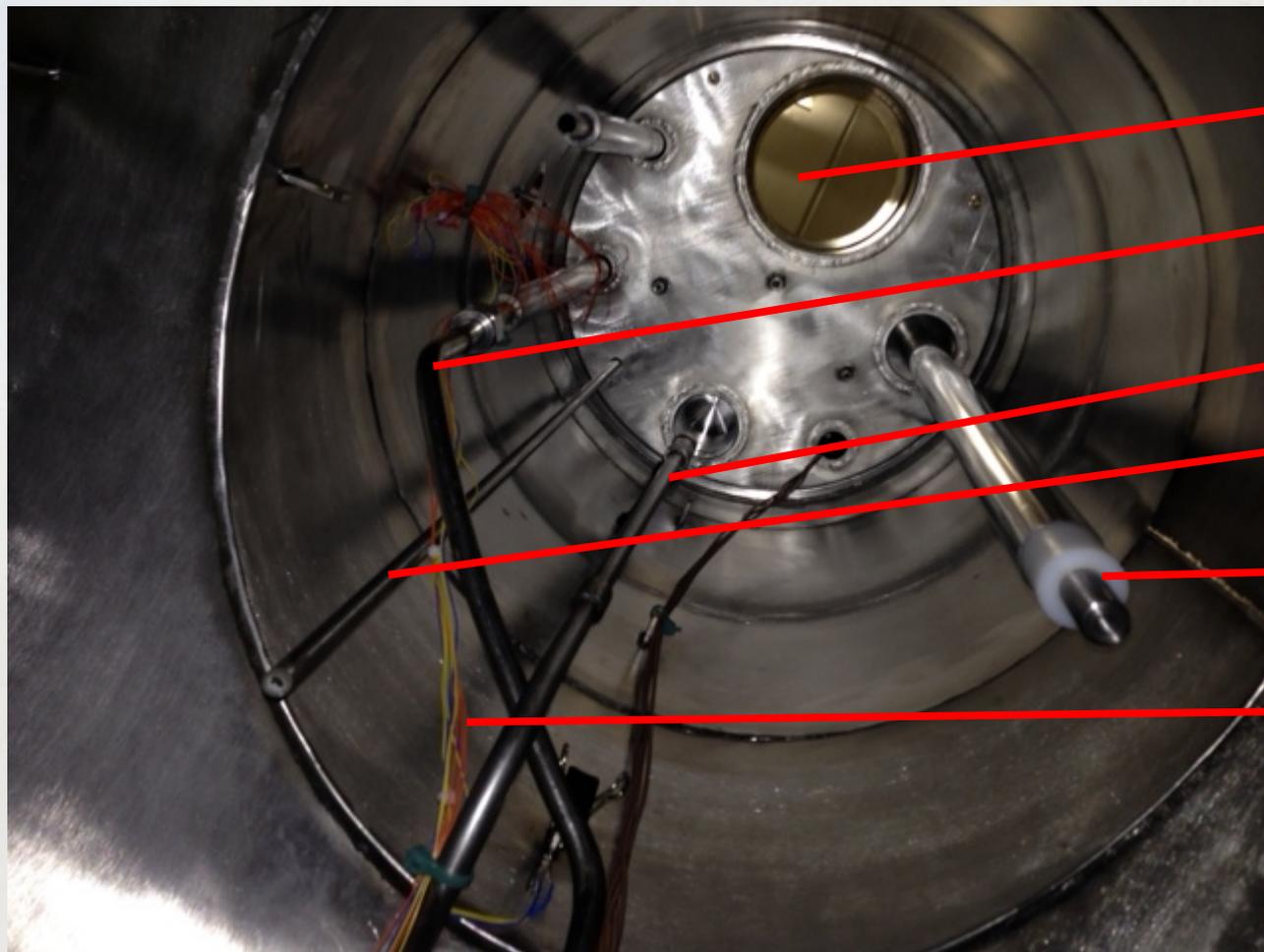


# *October 6th-7th: Wire tensioning bars and tension measurement*



- *Two kind of bars: fixed on the corners and variable size along the height to keep wires tensioned*
- *Left central spot clear for PMTs*
- *Wire tension measured with laser tensiometer (same as Microboone)*

# *Cryostat inner view before inserting TPC*



*Electronics goes here*

*Stinger*

*Filling line*

*Level Meter*

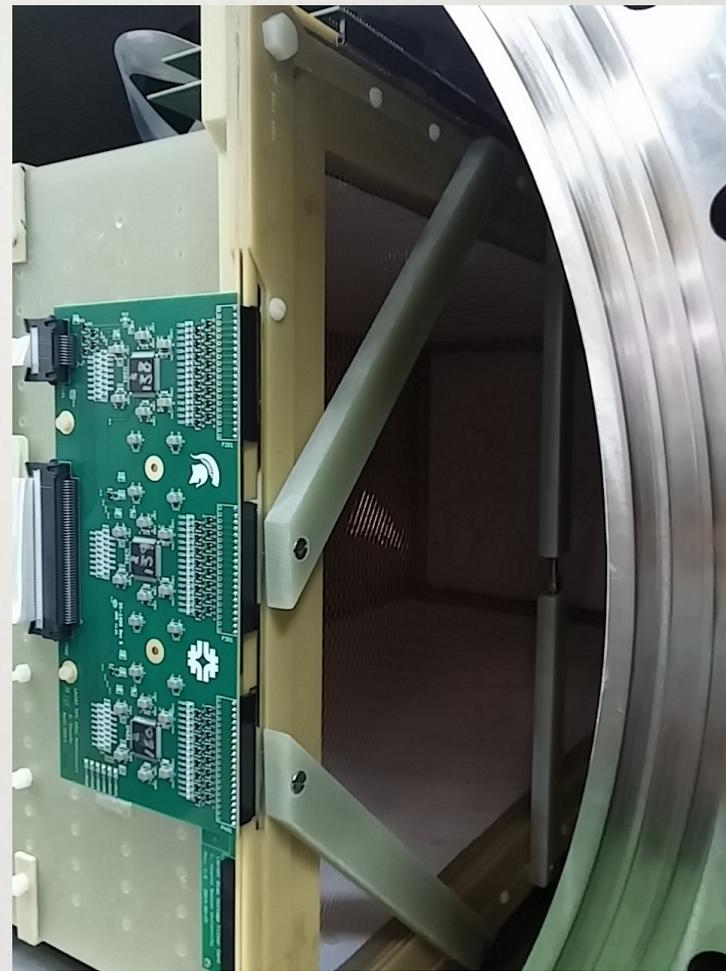
*HV Feedthrough*

*RTDs*

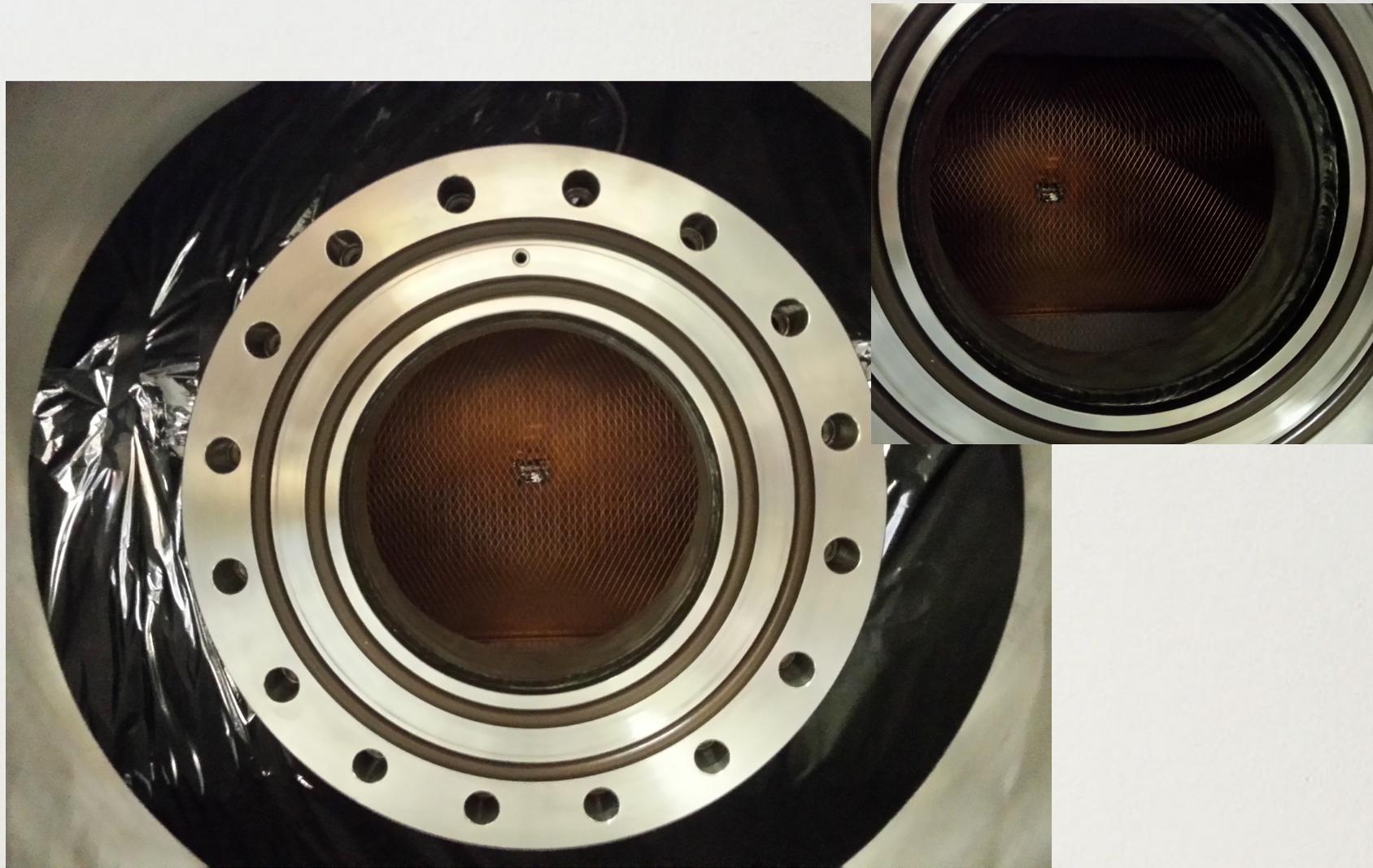
# *October 10th: Electronics installation*



# *TPC in!*



# *View from PMT Flange*



## *Next*

- *Tomorrow alignment crew will come to make a survey of the TPC position inside the cryostat*
- *On Thursday the cryostat will be sealed and leak-checked*
- *By the end of the week – beginning of next week we should have the cryostat in argon atmosphere, ready to be moved to MC7*