

# Hall A RC Report

July 17-July 23

Ye Tian  
Syracuse University

# Summary for this week

## **PREX: the 6th week**

- Production running with DA-208Pb2\_DB target
- RHRS Q2 was tripped
- Moller measurement and Qsq measurement
- LCW leak (>30 h)

# Daily Activities

**7/17: Wednesday 13.8 h(ABU)**

- ✓ Production 50uA
- ✓ HallB tuning no beam, frame hunting
- ✓ Production 70uA

**7/18: Thursday 12 h(ABU)**

- ✓ Production 50uA
- ✓ RHRS Q2 magnet was tripped (control access 9 h)
- ✓ Production 50uA (LHRS only)

**7/19: Friday 11.4 h(ABU)**

- ✓ Moller measurement
- ✓ Control access for debugging RHRS Q2 magnet (9 h)
- ✓ Production 50uA (LHRS only), BCM, FFB test

# Daily Activities

## **7/20: Saturday, 13.3 h(ABU)**

- ✓ Production 50uA (LHRS only)
- ✓ Control access for RHRS Q2 magnet (7.5 h)

## **7/21: Sunday, 19.2 h(ABU)**

- ✓ Production 50uA
- ✓ Qsq measurement

## **7/22: Monday, 2.5 h(ABU)**

- ✓ Production 50uA
- ✓ Moller measurement, Spin dance was rescheduled
- ✓ No beam due to LCW leak at west arc (3:00 am)
- ✓ Control access for the RHRS Q2 magnet (8.3 h)

# Daily Activities

**7/23: Tuesday 50 $\mu$ A,**

- ✓ No beam due to LCW leak (>30 h)
- ✓ Control access for Q2 magnet and Compton laser work
- ✓ RHRS Q2 magnet is recovered (~12:00 pm)

Thanks to the Techs crew!

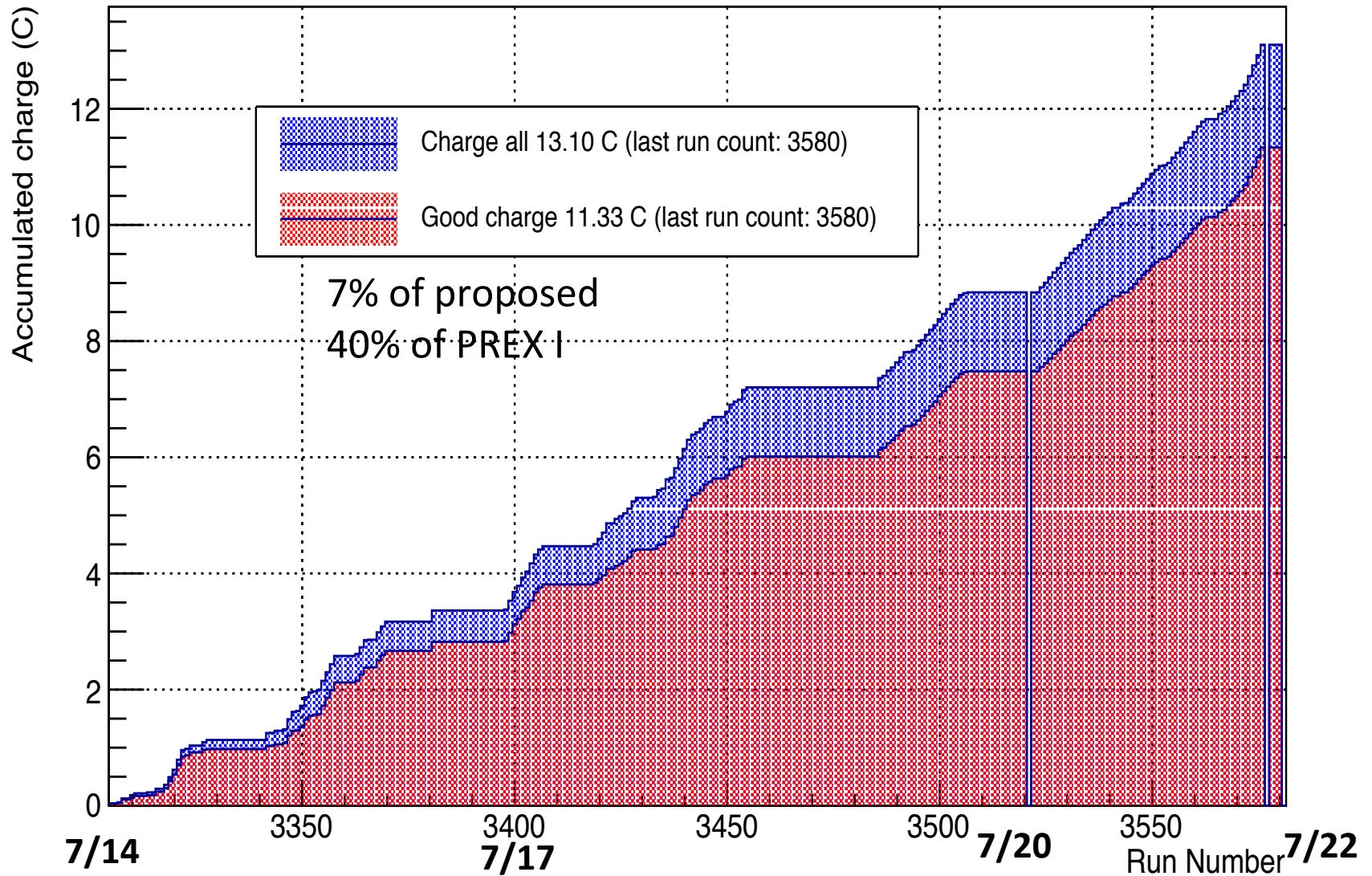
Qsq measurement is ongoing

Production 70uA



# Summary

## Charge total vs run



Thank you!