



Overview of the current installation

- **CD 20" PMT : +11 to +3, +2 in progress**

1430 modules (41% of 3460)
6647 PMTs (38% of 17612)

- **3" PMT: +11 to +4, +3 in progress**

9293/25600 (36%) PMTs
86 UWBs (43% of 200)

- **20" PMT Electronics box : +11 to +4**

+11 to +4 finished
1813 UWBs (27% of 6681)

- **VETO PMT : +11 to +4 (a few left)**

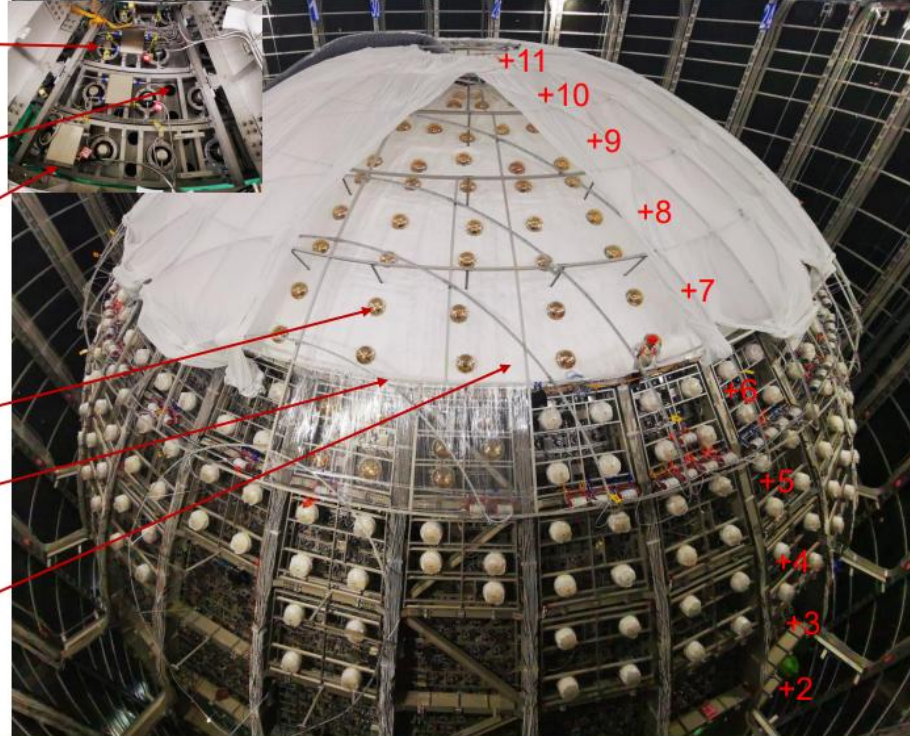
212 modules (34% of 620)
578 PMTs (24% of 2400)

- **EMF shielding coils**

+11~+6 finished
20 circles (32 in total) finished

- **Tyvek film on the truss**

+11 to +7 finished



Feb. 20, 2024

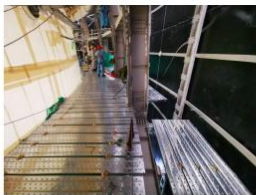
9

Installation suspended from last Sep.
15, due to acrylic defects repairing



Status of LPMT installation

- The platform at layer +1 is under building, 2/3 finished so far, need about 1 week to finish the rest
- One CD PMT module of layer +2 was tried and installed successfully with current platform, will start mass installation after completion of the platform
- The number of workers from Dadi company is increasing, currently 11, need ~15 in this month



The inner and outer platform



PMT module transporting on the platform



PMT module installing

Electronics

- All low voltage power supplies are updating the firmware because of the temperature monitoring bug. 318 power supplies need to be reinstalled.
All the work can be finished this weekend.
- All BEC and switch network ports have been added a protective structure to prevent oxidation and pollution.
- It is expected that the installation of electronics will restart in early April.



◆ Acrylic installation

- Platform lowered during collaboration meeting
 - Height of platform is ~12m
- Installation of -3 layer
 - Bonding finished
 - Being sanded (exchange the sequence of annealing and sanding)
 - 5 defects caused during this layer bonding, being repaired
 - New method was tested for this layer, try to reduce the defect, will be verified when next layer bonded



Platform

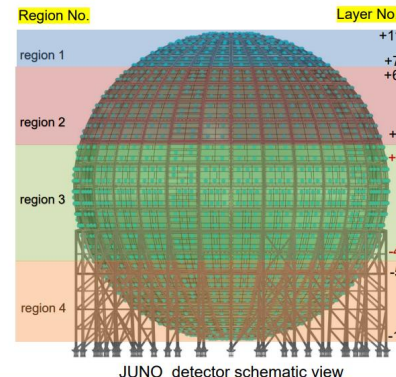


Sanding of layer -3



Preparation for the later installation

- PMT installation in region 1&2 (+11 ~ layer +3) finished;
- Different methods to be taken for region 3 (+2 to -4) and region 4 (-5 to -11) installation;
- Since last September, trial installation being performed for those two regions.





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