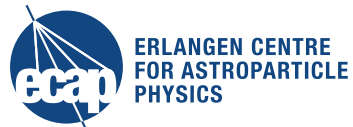


ECAP: DOM integration status

Oleg Kalekin
KM3NeT DOM integration
Videoconference
25.11.2020

ecap





Old ORCA DU1 DOMs refurbishment

Refurbishment actions:

- Cut DOMs from VEOC
- Open and remove BoBs
- Remove grounding cables if integrated (no one case till now)
- Update CLB firmware
- Exchange PMT base HV fences (caps)



Old ORCA DU1 DOMs refurbishment

Status:

- 5 DOMs refurbished and closed, acceptance test to be done
- 3 DOMs refurbished, functional test done
- 1 DOM in preparation for functional test
- 5 DOMs ready for opening
- 4 DOMs, BoBs to be removed

Estimated completion date 8 December 2020



Old ORCA DU1 DOMs refurbishment

Found problems:

- All DOMs with AHRS firmware version 0.0
- 1 DOM had broken connector at the large octopus board. The board is exchanged
- 1 DOM with 6 channels with mixed up PMT SNs in the database
- 1 DOM with 1 channel with wrong PMT SN
- 1 DOM with Promis ID flipping bit in 1 channel

NCRs have been (will be) opened for each problem