

# TRD2D upgrade mCBM May 2022

*TRD weekly meeting  
19<sup>th</sup> March 2021*

## Mechanics (A.Radu)

- use 2 support tables (top/bottom) to hold up to 4 ROB
- support ledges for FEBs and auxiliaries (G.Dima)

## FEBs (C. Schiaua)

- production of extra CROB connection board (Costovici)
- testing boards
- LV connections (1 → 4) (P.Kaehler)
- HV connections (4 → 5) (P.Kaehler)
- Pulser on anode (1 → 4) (A.Bercuci)

## DAQ (C.Schiaua)

- CROB (1 → 4)
- SLR (1 → 2)

## FW (C. Schiaua)

→

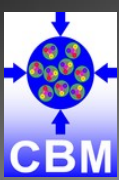
## SW (A.Bercuci)

→

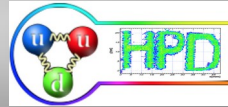
## Administration (A.Bercuci)

- Radiation Protection Report (L.Radulescu)
- User Registration





# Solved



## Howto power-up mTRD-HV

## Howto power-up mTRD-LV

- 0 Spadics TRD1
- 1 ROB TRD1
- 2 Spadics TRD2
- 3 ROB TRD2
- 4 Spadic 2D+PulserFeb
- 5 ROB for nr. 4
- 6 Bucharest FASP
- 7 unused (since Nov/2021)

Hello Alex,

ok, then we can prepare boards in the last week of April.

Best regards  
Joerg

**CROB**

> On 4/13/22 12:08, Joerg Lehnert wrote:  
>> Hello Alexandru,  
>>  
>>> we would need 3 extra CROB3  
>> We have enough CROB spares and 3 boards can be made available for TRD2D.  
>>  
>> This will just require some preparation: on these spares boards, 2 missing  
>> connectors have to be soldered and the boards have to be tested.  
>>  
>> When would you need these boards?  
>>  
>> Best regards  
>> Joerg

Hi Alex,

In this case we can use ports:

4,5 - previously on Spadic 2D

6 - Fasp 2D

7 - not used

yes, sounds correct to me. David S confirmed in meantime, that also from DAQ perspective, the Pulser FEB plus that 2Dh+Pulser ROB can be taken out.

All those ports should have LV cables into the cave, equipped with the same connector plugs as you know from 6-Fasp2D.

Best  
Philipp

**SLR**

Dear David,  
once you connect these 4 CROBs of the TRD2D to the CRI,  
will they be readout by 1 SLR or 2 SLRs?  
The current firmware can accommodate 3 CROBS / SLR , so if we use 4 CRIs  
we will use both SLRs.