

Talking Points for DP Parallel Session

- (0) TDR – appreciate detailed response to our questions (we’re not yet finished reviewing). We agree with plan to pause TDR in defined state, to be picked up after protoDUNE results
- (1) Appreciate detailed talks – really needed a full day rather than the afternoon
- **is there anything further you would like to tell us, or a message you wanted to convey that we may have missed**
- (2) **What do you hope to learn with further operation**
- for each issue (maybe use Marzio’s slides)
 - and in particular, with the HV surgery – the design will be different for PD-DP-II, so why do this (high risk). Possibly to map purity with depth? Is it worth it?
- Discussion
- purity needs to be solved
 - may have to design to live with waves and bubbles
 - what about ion trapping at surface (“not an issue below ground” is not very satisfying)
- (3) **What design changes would make DP robust for operation with waves and bubbles**
- (4) **Plans to validate new LEM/CRP design prior to PD-DP-II**
- (5) **Priority of 600kV system design at this point, and need for dedicated 12m drift test stand (parallel effort to PD-DP-II)**
- (6) **WLS material** – TPB is baseline (but only 6/36 in PD), PEN is new. What is the plan to conclude on material and application method ahead of PD-DP-II. **For PMTs and the WLS reflective panels** (large area of the material in LAr)
- (7) Resources/organization? ← general impression