Preproduction status – December delivery





Final December shipment status (delivered/requested)

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UCSB: Ti Full (3/3) | Ti HD-Full (12/12) | Ti HD-Top (0/4) | NTU: CuW Full (3/3) | CuW HD-Full (15/16) | CuW HD-Left (0/4)
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CMU: CuW LD-Full (14/16) | Ti LD-Full (12/16)

IHEP: CuW LD-Full (14/28) | Ti LD-Full (0/16)

TTU: CuW LD-Full (14/16) | Ti LD-Full (0/16)

Delivery deficiency:

CuW Full: 19 | Ti Full: 36 | Special: 4

Inventory status



- We still have "lots of" CuW plates in the workshop
 - (98 uncut sheets)
- Ti is more of a problem.
 - We only have materials to cut an additional 8-9 plates
 - MANDAS plates from India?
- Special deliveres (partials)
 - We currently do not have the cutted-metal for the requests
 - Do we want to prioritize these for the next production run?

Plate recovery - Delaying to new years



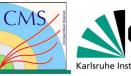
- Pull/Peel test apparatus at IPA can only go up to 100N of force
 - Will need to destroy the metal baseplate to use this jig.
- Tobias previously performed amore "brute force" measurements with large force gauge + elbow grease. (Can go up to ~500-600N)
 - Will probably go this route for a more conclusive test.
- **Next week** Recovery attempt on a 1-2 plates to understand:
 - What is required to remove cured glue residual
 - Whether plate surfaces can survive such operations
 - How much manu effort is it (if it takes 100+ man-hrs for a single plate, it is probably not worth it)

Additional tasks - final week in lab



- Finish plate remaining:
 - We should receive some (~20?) plates from the workshop today
 - We can laminate these before the end-of-the-year:
 - HiWi's can now operation this mostly without supervision.
- Documentation update
- HGCAL MACs meeting report
- Anything else?

Questions for MACs!





I will be visiting the NTU MAC during the holidays! Aggregating questions to ask MAC managers and **operators**!

- **Yi-Mu:** How much do we care about top gluetape alignment? (How is alignment in general performed at the MAC?)
- **Yi-Mu:** How much do you care about "shallow" glue entering the alignment notches? (Waldemar rage-quit on Thurdays because of how annoying this step is)

