

# Preproduction status – December delivery



## Final December shipment status (delivered/requested)

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)
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 Thursdays because of how annoying this step is)

