

Preproduction status update



November shipment missing + additional follow up

- (6/6) **CuW-Full** to IHEP
- (16/16) **Ti-Full**

Special request (Not on preproduction list)

- (8/8) **CuW-Full** to TIFR
- (3/3) **CuW-Full** [Full glue + no glue tape] To NTU
- (3/3) **Ti-Full** [Full glue + no glue tape] to UCSB

December shipment status:

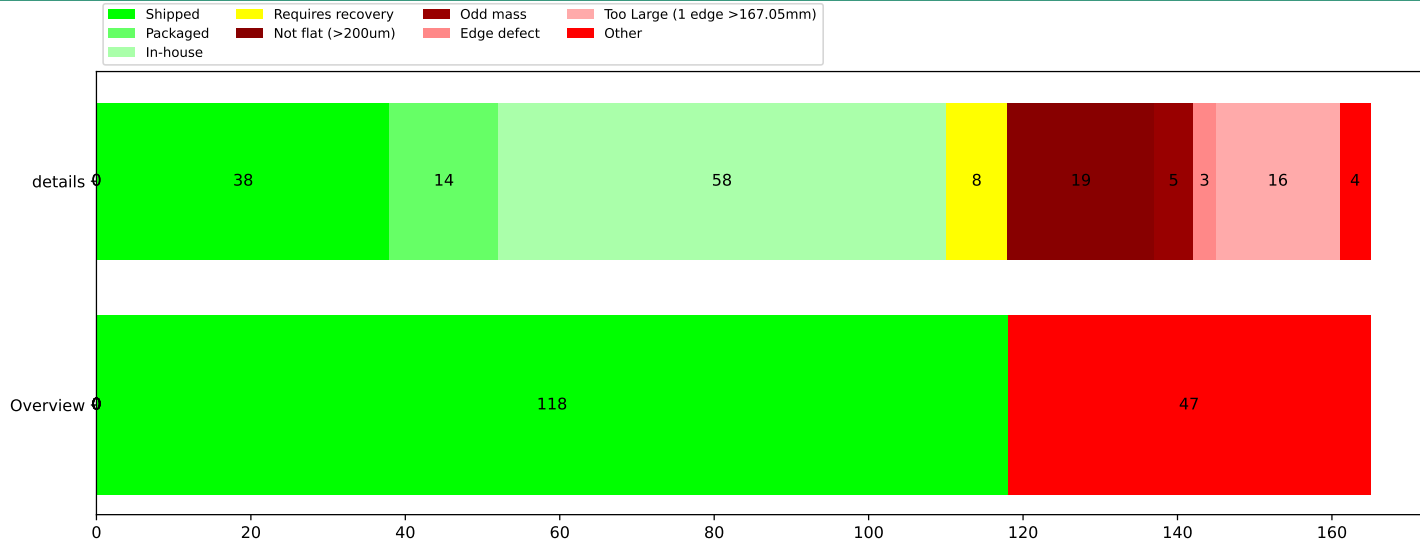
- (37/76) → (55/76) **CuW-Full**
- (0/4) **CuW HD-Left**
- (9/44) → (26/44) **Ti-Full**
- (0/4) **Ti HD-left**

All labelled, awaiting packaging and DB signoff

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Completed 35 additional plates this week!

Bottleneck – Metal Inventory (CuW-Full)



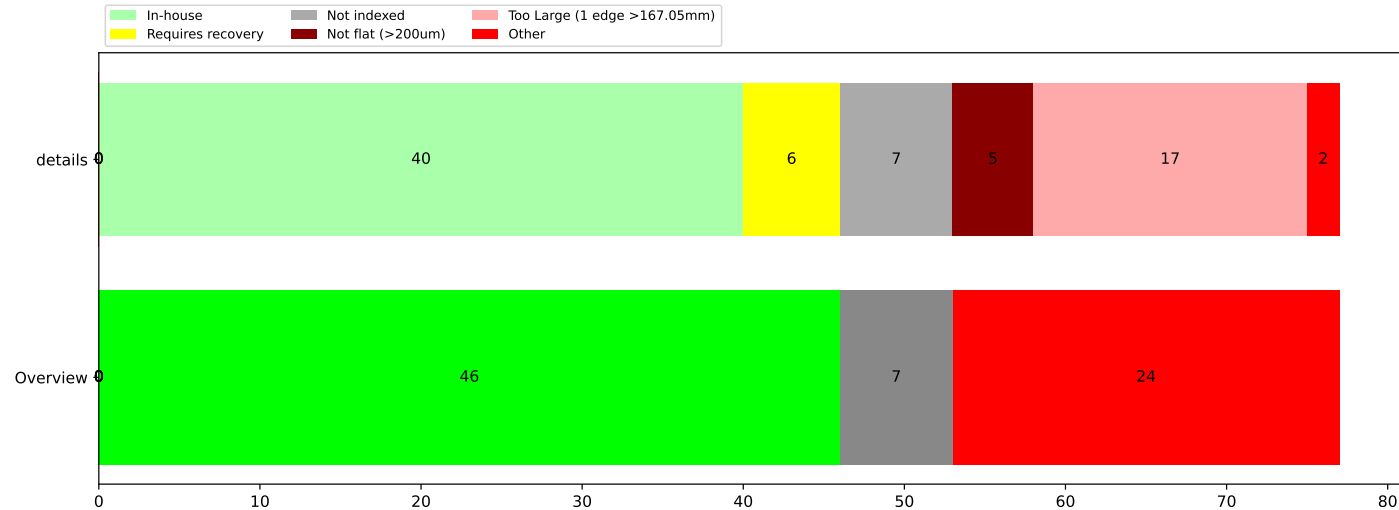
CuW-Full (Total **165**)

- **Laminated (shipped/shipable): 110**
- **Unprocessed: 0 (!!)**
- **Nov.+Dec. Total: 131**
 - Deficiency: **21**

Potential recoveries:

- Recovery: **9** laminated but failed inspection (can attempt to re-laminate)
- Edge defect: machineable recovery (?)
- Too large: Estimate maybe pessimistic? But now we would be shipping orange grade in 2 at least 1 size dimension.

Bottleneck – Metal Inventory (Ti-Full)



Ti-Full (Total 70 + 7)

- **Laminated (shipped/shipable): 45**
- **Unprocessed: 7**
- **Nov.+Dec. Total: 60**
 - Minimum Deficiency: **8**

Potential recoveries:

- Recovery (6): laminated but failed inspection (can attempt to re-laminate)

Edge defect: machineable recovery (?)

Too large: Maybe pessimistic? But then we will be shipping orange grade in at least 1 size dimension.3

Bottleneck – Metal Inventory Overview



	Cut and logged in Inventory	Laminated/ In tolerance	Nov+Dec+Spec.	Preprod. Sum
CuW - Full	165	120	131	659
CuW L/R	27	?? (19)	0	35
CuW Top/Bot.	43	?? (32)	4	57
CuW Five	0	??	0	33
Ti - Full	70 (+7)	46 (+6?)	60	441
Ti - L/R	3	?? (1)	0	10
Ti Top/Bot.	9	?? (5)	4	40
Ti Five	0	??	0	30

Inventory Tally – Kapton Overview



	Estimated remaining	Preprod. Sum
CEE - Full	150(v1)/20(v2)/150(v3)/150(v4)	659
CEE - L/R	~40/40	35
CEE - Top/Bot.	~40/40	57
CEE - Five	~40	33
CEH - Full	~20 (???)	441
CEH - L/R	0 (???)	10
CEH - Top/Bot.	~30/30	40
CEH - Five	0 (???)	30

Bottleneck – Top gluetape Overview



	Estimated remaining	Preprod. Sum
HD - Full	~240	219
LD - Full	~450	881

Most non-full tapes are also boxed with Leiton's Kapton?

Ti source discussion – Plates from CERN



We received **2 Ti-Full** plates from India (via CERN), however...

- They did not arrive labeled (How do we compare measurements?)
- Both are out of tolerance:
 - “Plate 1” had a alignment hole too large
 - “Plate 2” has a noticable gradient in thickness **0.88mm**-1.02mm
(Too much material was removed during polishing?)
- Do we trust that they can deliver in-tolerance **Ti plate** by Feburary?
(We are already behind on **Ti** deliveries as is...)

Plans for next week



- **Plate recovery!** We hope to fully recover **8+6** plates
 - What force gauge was used for previous peel tests?
 - What was the previous peel setup?
 - What can be used to remove residual glue? (I know a steel knife can remove araldite, but it can also remove metal if we are not careful...)
- **LD/HD designation!** Are there particular institutes we should prioritize?
 - Request: **60/16 CuW-Full LD/HD**, **32/12 Ti-Full LD/HD**
 - Currently: **42 LD-CuW**, **12 CuW-undesigned**, **19 Ti-undesigned**
- **Shipping!** We have yet to receive the new boxes from the workshop...
- **Documentation!** Lamination guide is being updated on [Wiki](#)
- Do we continue to laminated **orange grade** large-ness plates?

Target wrapping up December shipment by end of next week

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)

