

Production Status

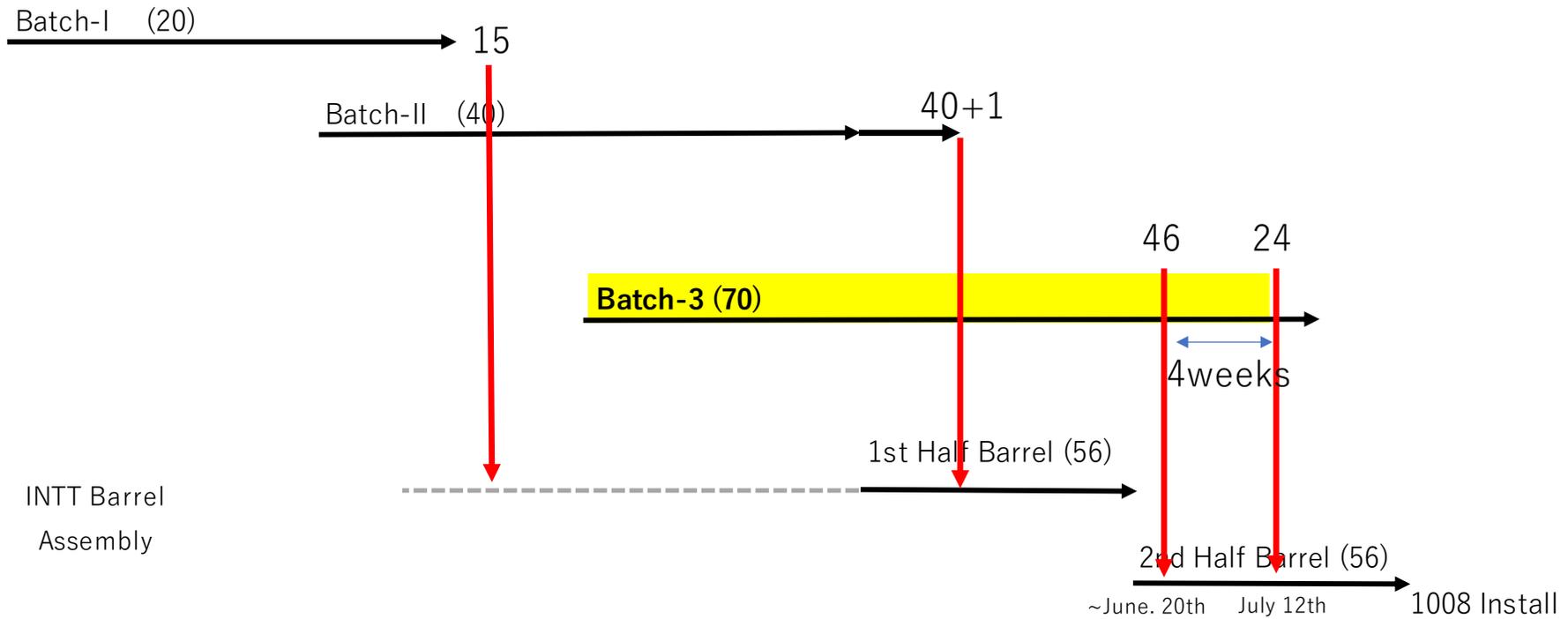
RIKEN/RBRC

Itaru Nakagawa

Bus Extender Production Batch-II, III

Schedule

2021 11 12 2022 1 2 3 4 5 6 7 8 9



Total Qty. in BNL	15	56	102	126
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INTT Production Status

Today

* Beyond 112 are spares

2022	1	2	3	4	5	6	7	8	Qty*	Status
Silicon									135	Done
HDI									176	Done
Stave									204	Done
Bus Extender		Batch-1(20)		Batch-2(40)			Batch-3(70)		130	Production
Conversion Cable	Prototype-1		Contract	Prototype-2		Test	Design	Production (130)	130	Prototype-II
Beam Clock Board	Design	Public bid		Preproduction(2)		Test		Production(18)	20	Preproduction
Barrel Assembly										

- 24 BEX were delivered on July 12th.
- 18 production BCB was delivered on July 12th.
- The partial data drop issue needs to be understood better to set green light for micro-coax production.

Bus Extender

Batch-3 Lot-2 Bus Extender

Batch-3 LOT-2 BEX



- 24 Batch-3 Lot-2 BEX cables (Ser.#107 ~ 130) were delivered to RIKEN on July 12th.
- 23 BEX are to be shipped today July 15th.
- One BEX (Ser#118) will stay in Japan for the sParameter measurement at TIRI together with pre-production-II μ -coax cable for the INTT NIM publication.

Location	Qty.
BNL	125
Taiwan	1
NWU	2
RIKEN	1
TIRI	1

Beam Clock Board

Production Beam Clock Board



Beam Clock Boards

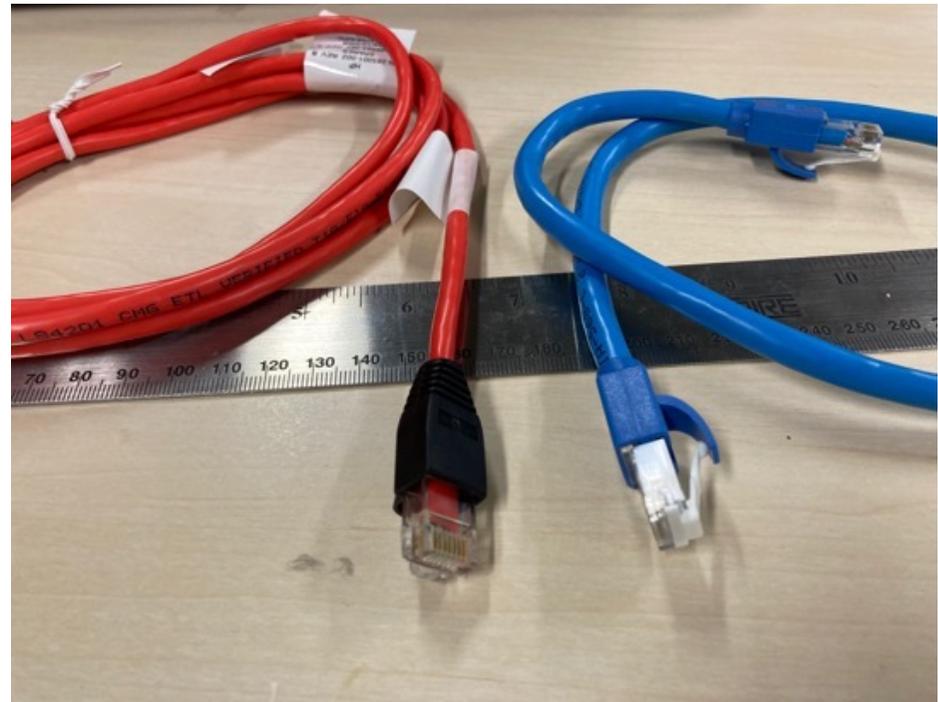
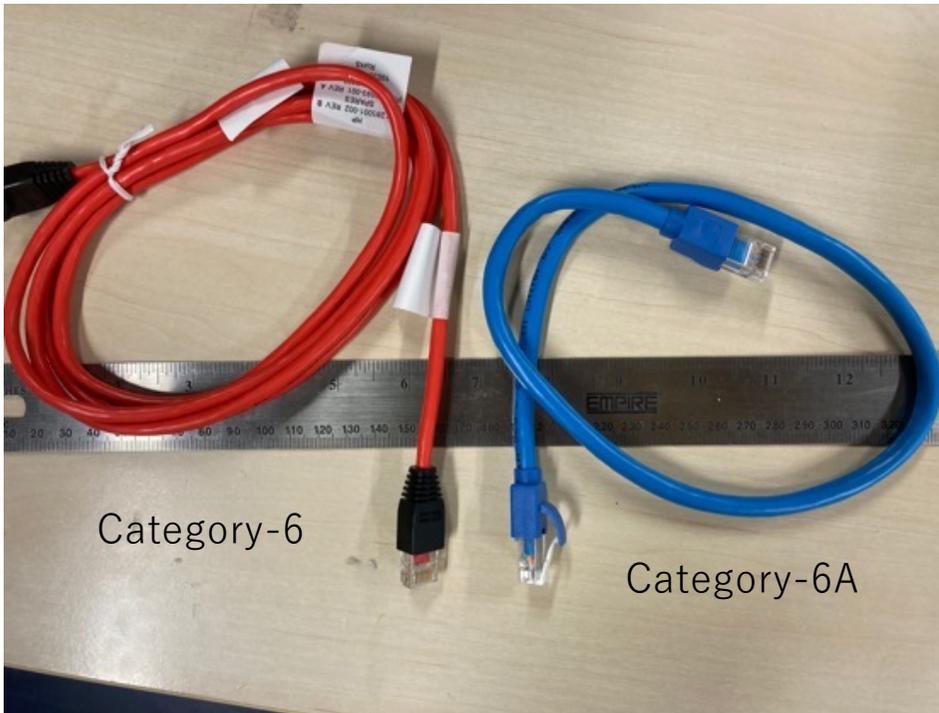


- 18 Production Boards were delivered on July 12th with the cage cover mounted.
- They are to be picked up for export today 15th.
- To be shipped with a beam clock cable.
- Unlabeled serial number.

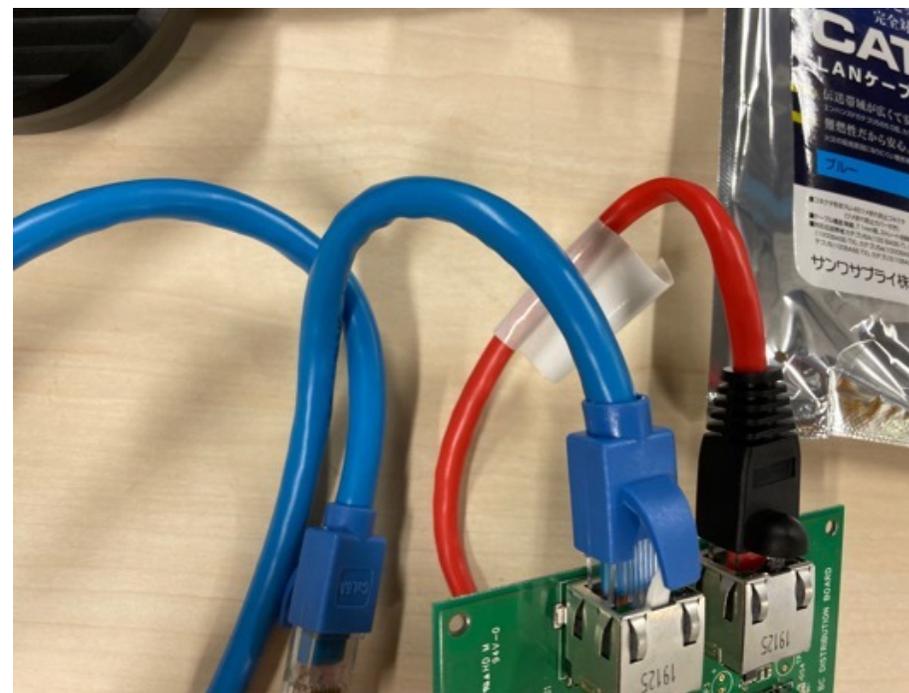


- 2 preproduction boards were sent back to Arusu co. for the cover mounting and they are back by 14th.
- The target pickup date for export is 19th.

Beam Clock Cable



Cable Bending



Thinner Category-6A Cable



1008 ROC Test

Testing Status

index	shipped	A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3
1	NE0	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Yellow	Green	Green
2	NE1	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
3	NE2	Green	Green	Green	Green	Green	Green	Red	Red	Red	Green	Green	Green
4	NE3	Green	Green	Green	Pink	Pink	Pink	Green	Green	Green	Green	Green	Green
5	NE4	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
6	NE5	Green	Green	Green	Green	Green	Green	Green	Green	Green	Pink	Green	Green
7	SW5	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
8	NW1	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
9	NW2	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
10	NW3	Green	Green	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Green	Green
11	NW4	Green	Green	Green	Pink	Pink	Green	Pink	Green	Green	Pink	Pink	Green
	NW5	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
12	SE0	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
13	SE1	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
14	SE2	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
15	SE3	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
16	SE4	Green	Yellow	Green	Green	Green	Green	Green	Green	Green	Yellow	Green	Green
	SE5	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
17	29	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

index	ID	A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3
1	ROC7	Green	Pink	Pink	Green	Green	Pink	Green	Green	Green	Pink	Pink	Yellow
2	ROC9	Green	Green	Yellow	Green								
3	ROC10	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
4	ROC21	Pink	Green	Green	Pink	Green	Pink	Green	Pink	Green	Pink	Green	Green
		Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

- 12 ROCs are already sent back to BNL. There are 11 Class-1 ROCs and 1 ROC for debugging latch issue with John K.
- NW4, ROC7, ROC9, NE0 were repaired. Waiting for testing.
- ROC10, 21 are under regulator upgrade
- NW3 is under repair
- ROC21, NW5, SE5 regulators are to be upgraded after port health check

Undergrad students will continue testing ROCs to find one more class-1 ROC and be shipped to BNL ASAP.

INTT Collaboration Meeting

INTT Collaboration Meeting in BNL

- Many members are going to travel to BNL this Summer.
- I would like to propose a collaboration meeting in August at BNL
- Review activities in each institutes to understand each other's work and figure out if there is anything overlooked.
- Discuss plans and schedules for this Fall and Winter.