

# Production Schedule Update

RIKEN/RBRC

Itaru Nakagawa

# Executive Summary

- Silicon Sensors
  - 100 Sets (batch-2) production silicons are to be delivered today as scheduled.
  - Sensors will be shipped to NCU once they are ready.
- FPHX
  - ~1500 good FPHX chips are delivered to NCU on April 29<sup>th</sup>.
- HDI
  - Shipped 39 HDI's to BNL and are delivered on June 2<sup>nd</sup>.
  - To be proceeded to place an 2<sup>nd</sup> batch order **without waiting for the confirmation of the new design around bias connectors are confirmed in BNL**
- Stave
  1. Shipped 4 staves + 3 tubes to BNL and are delivered on June 2<sup>nd</sup>.
  2. Received quote for 150 production.
- Trigger Scintillators and PMTs
  - Reuse existing scintillators and PMTs in NCU
  - Light guides are delivered to NCU.
  - Place order of PMTs and thin scintillators once RIKEN is ready.

# Updated Production Schedule

Year	2020												2021												
Month	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Quantity
Silicon	batch-II (150)																								250
HDI	batch-I (150)						batch-II (90)																		290
Stave	prototype-IV							batch-I (75)		batch-II (75)															150
								batch-I(150)																	
Bus Extender					prototype-IV						batch-I					batch-II									140
Extension Cable											batch-I,II														140

- The lead time for 150 stave production is estimated to be 4 months.
  - Splitting into 2 batch phases is now under consideration to save 1 month earlier delivery for the first 75 staves
  - Delaying the 2<sup>nd</sup> half 75 staves by 1 to 2 months is the trade-off.
  - If the first 75 staves keep assembly factories busy for 3 months, this is the way to go.