

# Activities at BNL: Ladders Assembly

**Rachid Nouicer, Steven Andrade, and Robert Pisani**





Production Ladders				HDIs/Chips														Chips/Sensors														Ladder Encapsulated				Live Channels		Classes									
34	Barrel 1			0 Chip is Bad							0 Chip is Mounted							0 Sensor is Mounted							0 Sensor is Good							0	Bad	Class 1 = 100 %													
48	Barrel 2			1 Chip is Mounted							1 Chip is Good							1 Sensor is Mounted							1 Sensor is Good							1	Ready For Enc	90 % =< Class 2 < 100 %													
81	Total			2 Chip is Good							2 Chip/HDI has Half Entries							2 Sensor is Good							2 Good							2	Good	95 % =< Class 3 < 99 %													
Count	New Name PB1-L004	Barrel Type HDI/Slave	Slave Batch-ID	South Chips/HDI Status														North Chips/HDI Status														South Sensor Status				North Chips/HDI Status				Survey File	Encapsulation				Ladder Class		Source Test File
				U28	U25	U24	U23	U22	U21	U20	U19	U18	U17	U16	U15	U14	Data File	U28	U25	U24	U23	U22	U21	U20	U19	U18	U17	U16	U15	U14	File	Sensor A	Leakage Current nanoAmp	Sensor B	Leakage Current nanoAmp	File	Sensor A	Leakage Current nanoAmp	Sensor B		Leakage Current nanoAmp	File	South	File Name	North	File Name	
66	PB2-L033	2	S-302/N-307	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
			BH3-97	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
			S-308/N-309	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
67	PB2-L034	2	BH3-98	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
			S-310/N-311	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
			BH3-99	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
			S-312/N-313	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
69	PB2-L036	2	BH3-100	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
			S180/N-318	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1																				
70	PB2-L037	2	BH3-101																																												
71	PB2-L038	2																																													
72	PB2-L039	2																																													
73	PB2-L040	2																																													
74	PB2-L041	2																																													
75	PB2-L042	2																																													
76	PB2-L043	2																																													
77	PB2-L0	2																																													
78	PB2-L0	2																																													
79	PB2-L0	2																																													
80	PB2-L0	2																																													
81	PB2-L0	2																																													

\* 21 ladders left to be assembled → 42 sensors type-A and 42 sensors type-B

\* we have available at BNL: 24 sensors type-A and 24 sensors type-B corresponding to 12 ladders

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Needed: 42 – 24 = 18 (we need 18 sensors type-A and 18 sensors type-B) to end mass production at BNL.

