Stave production monitoring

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03/07/2019

Monitoring from January 2018 to 03/07/2019

Stave meeting

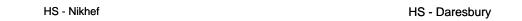
HS monitoring

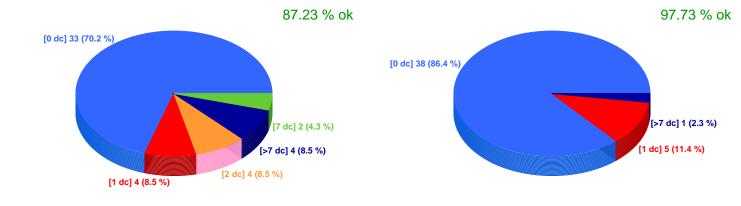
D-OL-HS-L-021: 0 bad chips A-OL-HS-L-024: 0 bad chips B-ML-HS-U-055: 0 bad chips B-ML-HS-U-054: 0 bad chips B-ML-HS-U-053: 0 bad chips B-ML-HS-L-054: 0 bad chips

HSs of this week

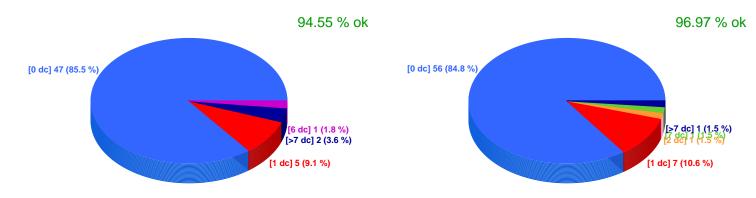
B-ML-HS-L-055: 0 bad chips

B-ML-HS-L-053: 0 bad chips

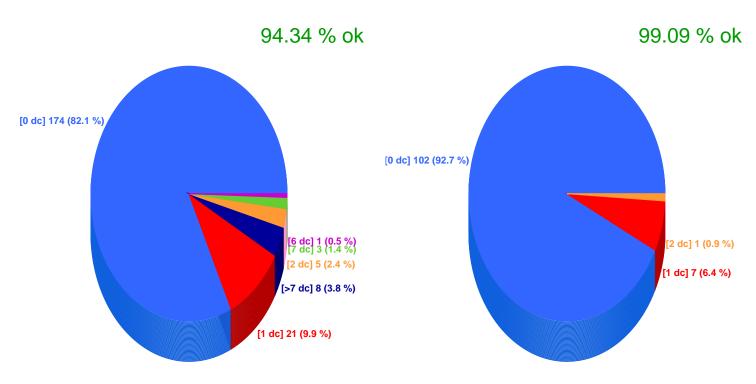


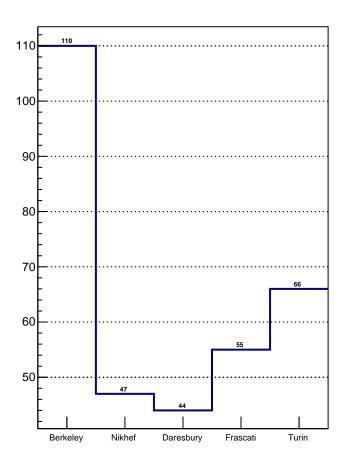


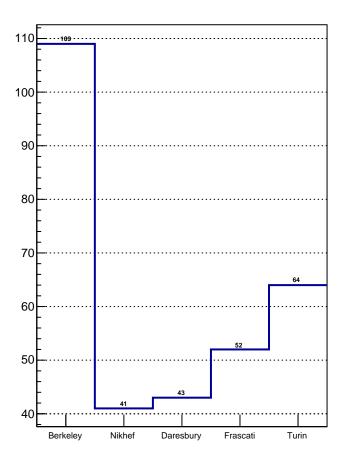


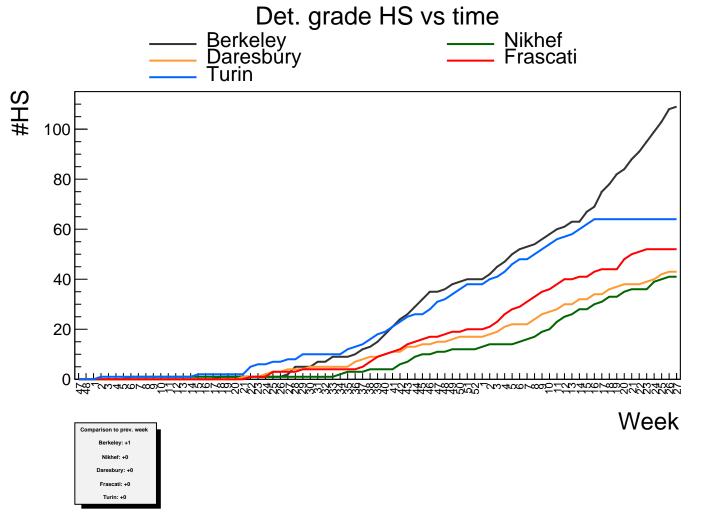


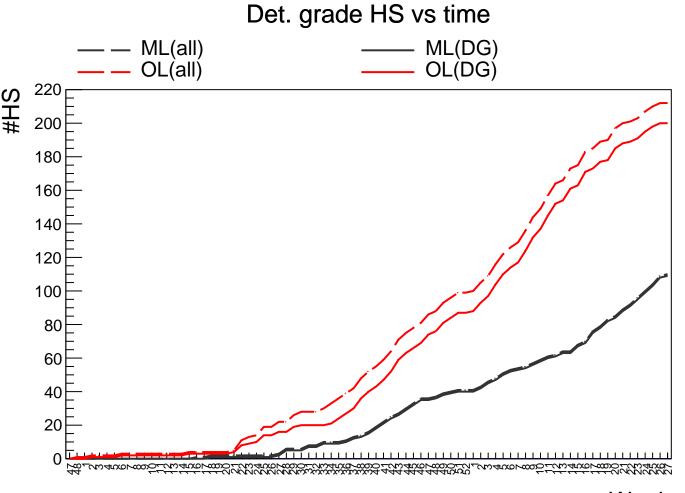
HS - OL HS - ML

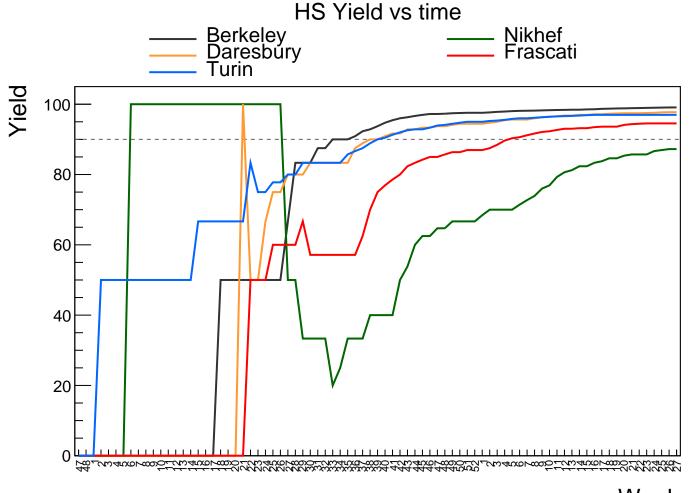




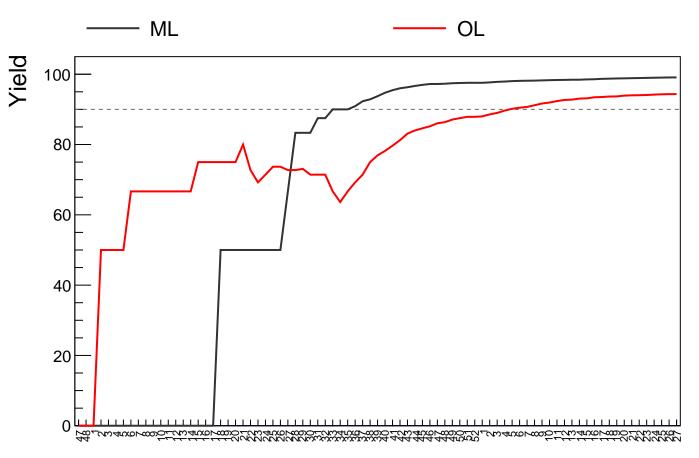








HS Yield vs time



Stave monitoring

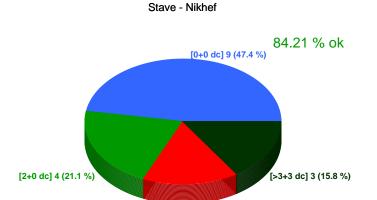
Staves of previous week

R-OL-Stave-002: (U,L)=(2, 0) bad chips D-OL-Stave-022: (U,L)=(0, 1) bad chips D-OL-Stave-021: (U,L)=(2, 0) bad chips

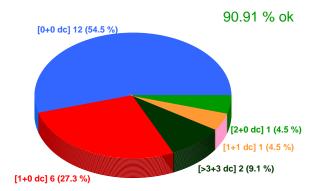
B-ML-Stave-049: (U,L)=(0, 0) bad chips

Staves of this week

D-OL-Stave-001: (U,L)=(7, 13) bad chips B-ML-Stave-050: (U,L)=(0, 0) bad chips

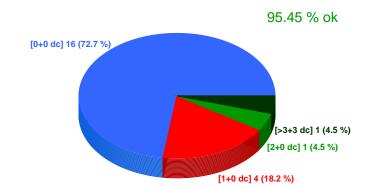


Stave - Daresbury

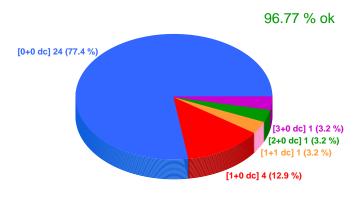


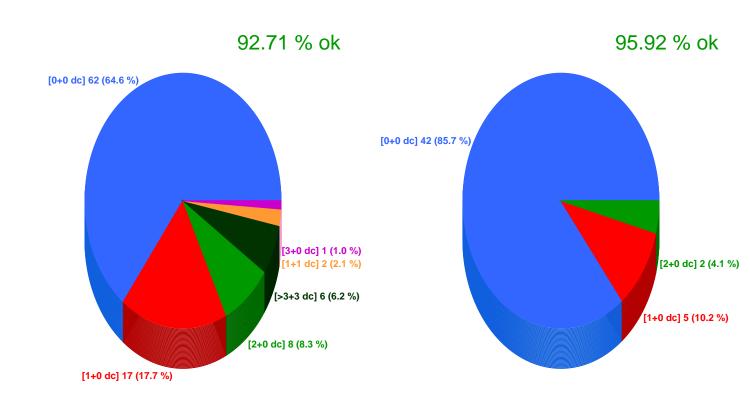
Stave - Frascati

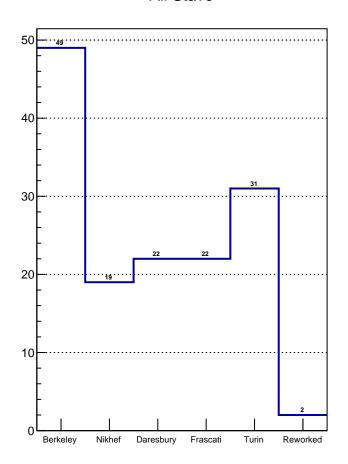
[1+0 dc] 3 (15.8 %)

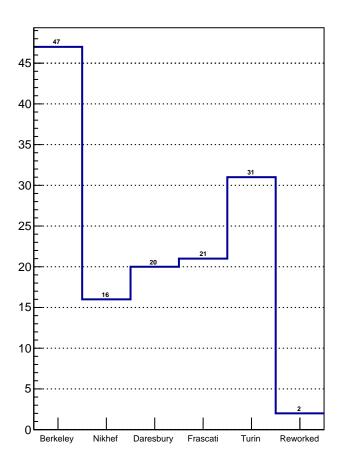


Stave - Turin



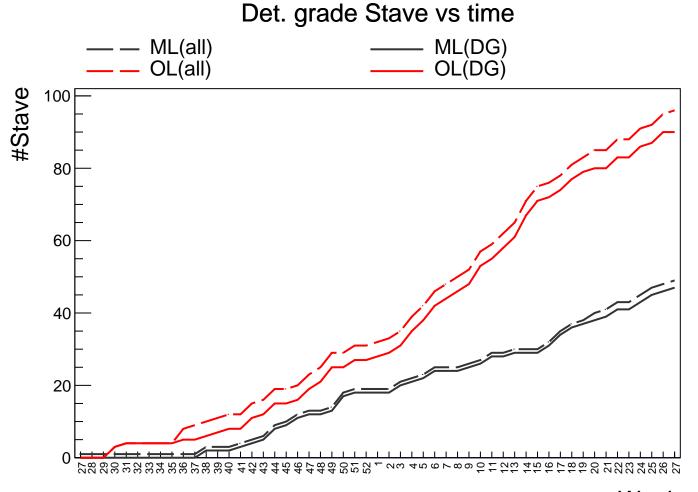


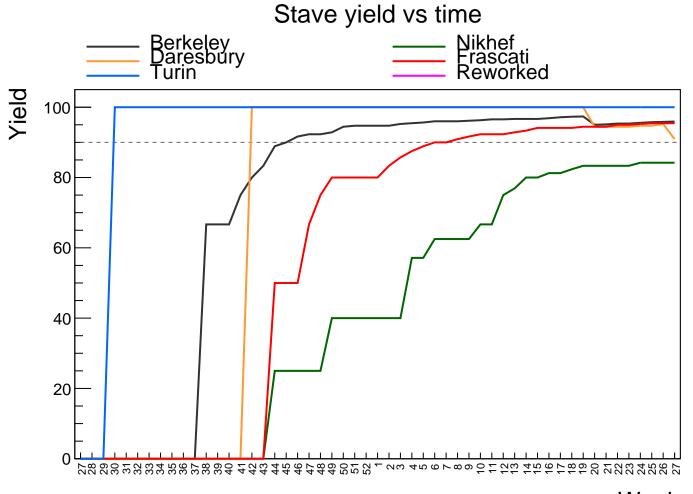




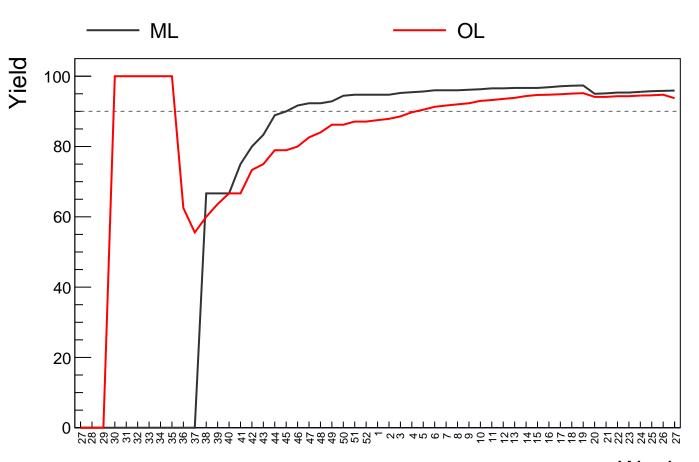
Det. grade Stave vs time Berkeley Daresbury Turin Nikhef Frascati Reworked #Stave 50 40 30 20 10 Week Comparison to prev. weel Berkeley: +1 Nikhef: +0 Daresbury: +0 Frascati: +0 Turin: +0

Reworked: +0





Stave yield vs time



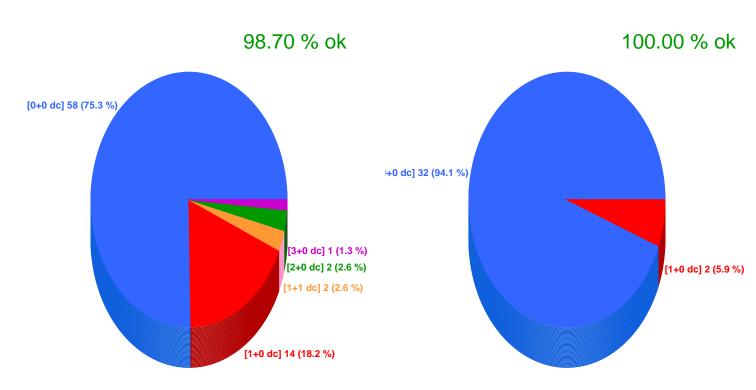
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Production rate (October 2018 - prev. week)**
            → Berkeley: 1.22(all) -- 1.19(DG)
             → Nikhef: 0.43(all) -- 0.43(DG)
           \rightarrow Daresbury: 0.57(all) -- 0.54(DG)
            \rightarrow Frascati: 0.57(all) -- 0.57(DG)
     \rightarrow Turin: 0.79(all) -- 0.79(DG) \rightarrow Prod. ended
                 OL: 2.36(all) -- 2.33(DG)
                 ML: 1.22(all) -- 1.19(DG)
Rework rate (from June 1st, 2019): 0.40(all) -- 0.40(DG)
```

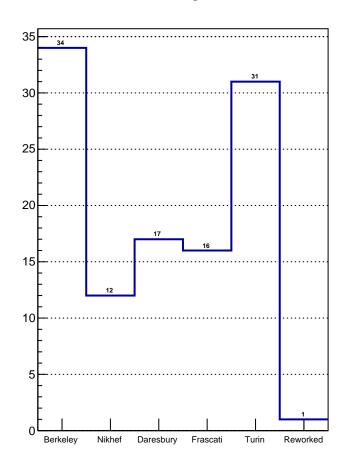
**Christmas holiday excluded (2 weeks)

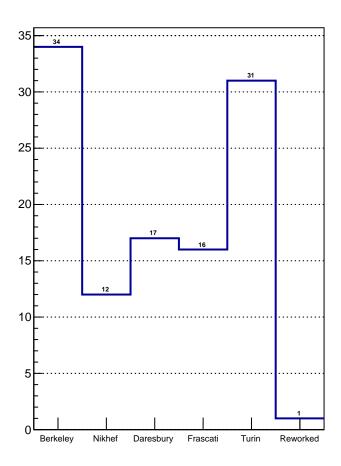
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Production rate 2019 (month by month)**
                 January
    → Berkeley: 1.00(all) -- 1.00(DG)
     → Nikhef: 0.50(all) -- 0.50(DG)
   → Daresbury: 0.75(all) -- 0.75(DG)
     → Frascati: 1.00(all) -- 1.00(DG)
     → Turin: 0.25(all) -- 0.25(DG)
         OL: 2.50(all) -- 2.50(DG)
         ML: 1.00(all) -- 1.00(DG)
                February
    → Berkeley: 0.80(all) -- 0.80(DG)
     → Nikhef: 0.20(all) -- 0.20(DG)
   → Daresbury: 0.80(all) -- 0.80(DG)
     → Frascati: 0.80(all) -- 0.80(DG)
      → Turin: 0.80(all) -- 0.80(DG)
         OL: 2.60(all) -- 2.60(DG)
         ML: 0.80(all) -- 0.80(DG)
                 March
    → Berkeley: 1.00(all) -- 1.00(DG)
     → Nikhef: 1.00(all) -- 1.00(DG)
    → Daresbury: 0.40(all) -- 0.40(DG)
     → Frascati: 0.60(all) -- 0.60(DG)
      → Turin: 1.00(all) -- 1.00(DG)
        OL: 3.00(all) -- 3.00(DG)
         ML: 1.00(all) -- 1.00(DG)
                  April
    → Berkeley: 1.40(all) -- 1.40(DG)
     → Nikhef: 0.80(all) -- 0.80(DG)
   → Daresbury: 1.00(all) -- 1.00(DG)
     → Frascati: 0.60(all) -- 0.60(DG)
      → Turin: 0.80(all) -- 0.80(DG)
         OL: 3.20(all) -- 3.20(DG)
         ML: 1.40(all) -- 1.40(DG)
    → Berkeley: 1.60(all) -- 1.40(DG)
     → Nikhef: 0.40(all) -- 0.40(DG)
   → Daresbury: 0.60(all) -- 0.40(DG)
     → Frascati: 0.60(all) -- 0.60(DG)
      → Turin: Production ended
        OL: 1.60(all) -- 1.40(DG)
         ML: 1.60(all) -- 1.40(DG)
                  June
    → Berkeley: 1.25(all) -- 1.25(DG)
     → Nikhef: 0.25(all) -- 0.25(DG)
   → Daresbury: 0.75(all) -- 0.75(DG)
     → Frascati: 0.50(all) -- 0.50(DG)
      → Turin: 0.00(all) -- 0.00(DG)
         OL: 1.50(all) -- 1.50(DG)
         ML: 1.25(all) -- 1.25(DG)
```

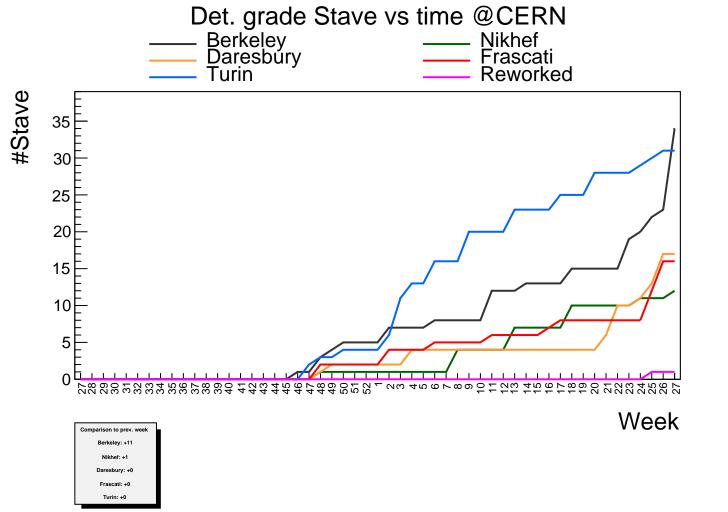
Stave reception @CERN

Staves qualified in the previous week	
T-OL-Stave-025: (U,L)=(0, 0) bad chips	
F-OL-Stave-019: (U,L)=(0, 0) bad chips	
F-OL-Stave-016: (U,L)=(0, 0) bad chips	
F-OL-Stave-015: (U,L)=(0, 0) bad chips	
F-OL-Stave-004: (U,L)=(0, 0) bad chips	
D-OL-Stave-012: (U,L)=(0, 0) bad chips	
D-OL-Stave-009: (U,L)=(0, 0) bad chips	
D-OL-Stave-007: (U,L)=(0, 0) bad chips	
D-OL-Stave-003: (U,L)=(1, 1) bad chips	
B-ML-Stave-005: (U,L)=(0, 0) bad chips	
Staves qualified this week	
otavoo quamou ano nook	
A-OL-Stave-009: (U,L)=(1, 0)	
B-ML-Stave-033: (U,L)=(0, 0)	
B-ML-Stave-027: (U,L)=(0, 0)	
B-ML-Stave-023: (U,L)=(0, 0)	
B-ML-Stave-021: (U,L)=(0, 0)	
B-ML-Stave-020: (U,L)=(0, 0)	
B-ML-Stave-019: (U,L)=(0, 0)	
B-ML-Stave-018: (U,L)=(0, 1)	
B-ML-Stave-017: (U,L)=(0, 0)	
B-ML-Stave-015: (U,L)=(1, 0)	
B-ML-Stave-012: (U,L)=(0, 0)	
B-ML-Stave-011: (U,L)=(0, 0)	









Det. grade Stave vs time @CERN ML(all) ML(DG) OL(DG) OL(all) #Stave 80 70 60 50 40 30 20 10

Qualification rate (December 2018 - prev. week)**

Berkeley: 0.71(all) -- 0.71(DG)

Nikhef: 0.36(all) -- 0.36(DG)

Daresbury: 0.57(all) -- 0.57(DG)

Frascati: 0.50(all) -- 0.50(DG) Turin: 1.00(all) -- 1.00(DG)

OL: 2.43(all) -- 2.43(DG) ML: 0.71(all) -- 0.71(DG)

**Christmas holiday excluded (2 weeks)

HS without a Stave

HSs (DG) not yet tested as Stave A-OL-HS-U-009: 2 bad chips F-OL-HS-U-027: 0 bad chips F-OL-HS-U-026: 0 bad chips F-OL-HS-U-025: 0 bad chips F-OL-HS-U-024: 0 bad chips F-OL-HS-L-027: 0 bad chips F-OL-HS-L-026: 0 bad chips F-OL-HS-L-025: 0 bad chips F-OL-HS-L-024: 0 bad chips D-OL-HS-L-108: 0 bad chips A-OL-HS-U-120: 0 bad chips A-OL-HS-U-023: 0 bad chips A-OL-HS-U-022: 0 bad chips A-OL-HS-U-021: 0 bad chips A-OL-HS-L-122: 0 bad chips A-OL-HS-L-024: 0 bad chips A-OL-HS-L-023: 0 bad chips A-OL-HS-L-021: 0 bad chips B-ML-HS-U-055: 0 bad chips B-ML-HS-U-054: 0 bad chips B-ML-HS-U-053: 0 bad chips B-ML-HS-U-052: 0 bad chips B-ML-HS-U-051: 0 bad chips B-ML-HS-U-014: 0 bad chips B-ML-HS-L-055: 0 bad chips B-ML-HS-L-054: 0 bad chips B-ML-HS-L-053: 0 bad chips B-ML-HS-L-052: 0 bad chips B-ML-HS-L-051: 0 bad chips B-ML-HS-L-014: 0 bad chips

HSs (non-DG) not yet tested as Stave

A-OL-HS-L-004: 14 bad chips -> rework(?)

F-OL-HS-U-002: 8 bad chips -> rework(?)

Stave not DG

Staves not DG - reworkable

D-OL-Stave-008: (U,L) = (0, 14) bad chips A-OL-Stave-001: (U,L) = (2, 14) bad chips A-OL-Stave-002: (U,L) = (7, 49) bad chips

A-OL-Stave-002: (0,L) = (7, 43) bad chips A-OL-Stave-003: (U,L) = (0, 28) bad chips

D-OL-Stave-001: (U,L) = (7, 13) bad chips

B-ML-Stave-039: (U,L) = (0, 2) bad chips

Staves not DG - not reworkable

F-OL-Stave-001: (U,L) = (43, 14) bad chips B-ML-Stave-001: (U,L) = (2, 0) bad chips