

Run 17 Corrections

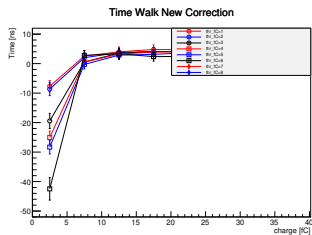
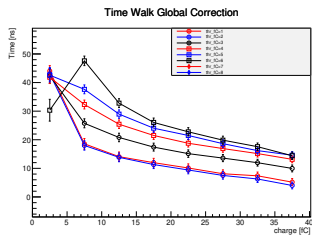
Will Imoehl
Indiana University

March 11, 2021

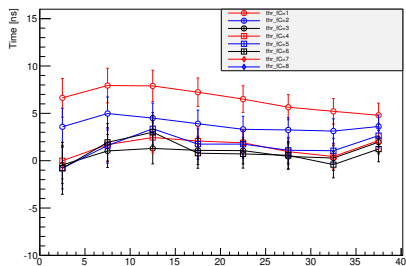
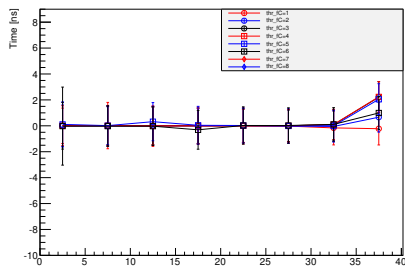
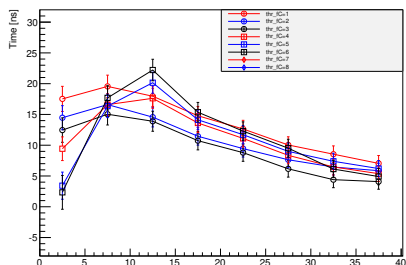
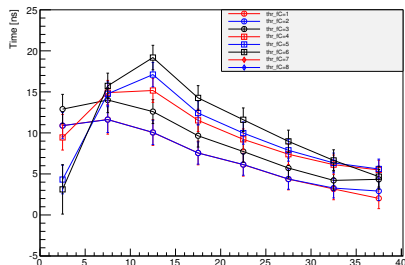
Method

- ▶ Iterate time walk/time reference corrections for runs 11-16
- ▶ Apply run 11-16 corrections to run 17 to see how much different they are

Time Walk Starting From Simulated Values

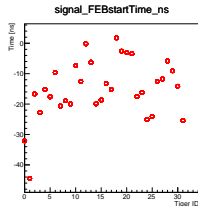
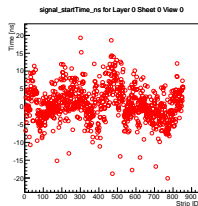
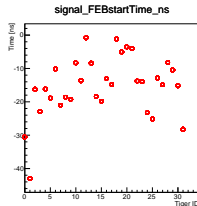
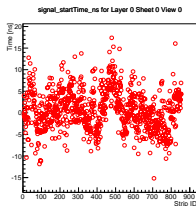


Time Walk Correction

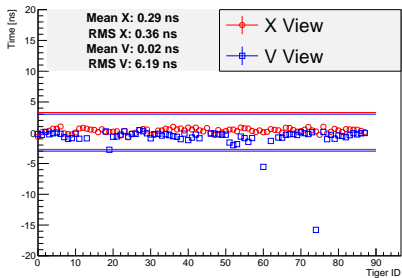


Top: Global correction. Bottom: correction last iteration. Left: Run 11-16. Right: Run 17 with 11-16 corrections

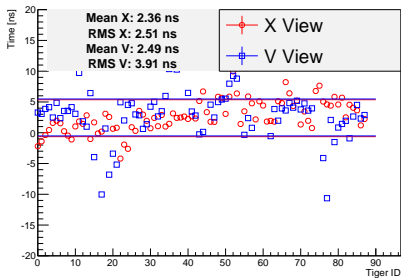
Time Reference - Tigers



Time Reference

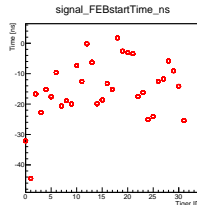
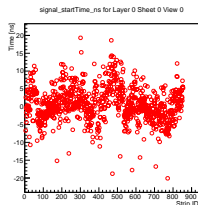
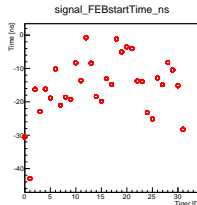
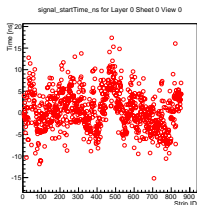


Time Reference

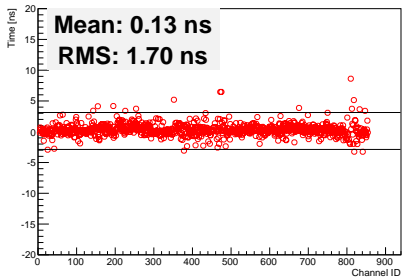


Left run 11-16, right is run 17 with 11-16 corrections

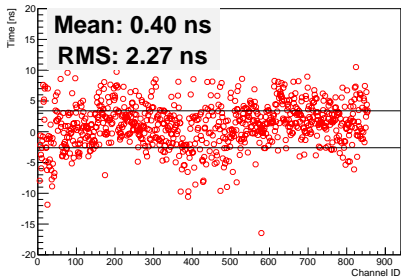
Time Reference Corrections - Layer 1 Sheet 1 View 0



Time Reference Layer 0 Sheet 0 View 0

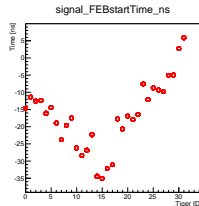
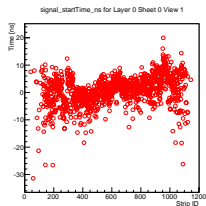
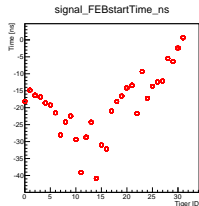
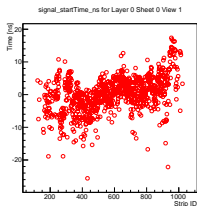


Time Reference Layer 0 Sheet 0 View 0

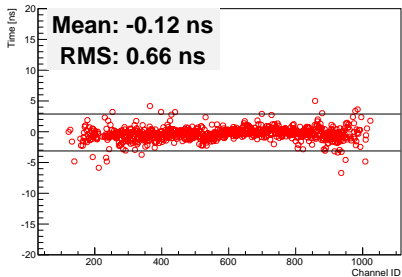


Left run 11-16, right is run 17 with 11-16 corrections

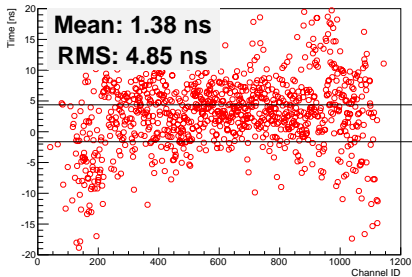
Time Reference Corrections - Layer 1 Sheet 1 View 1



Time Reference Layer 0 Sheet 0 View 1

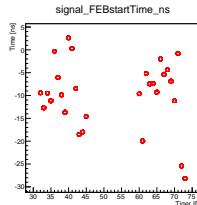
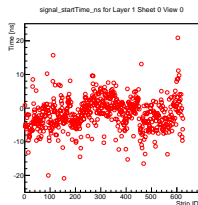
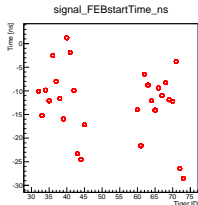
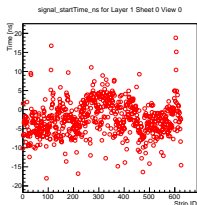


Time Reference Layer 0 Sheet 0 View 1

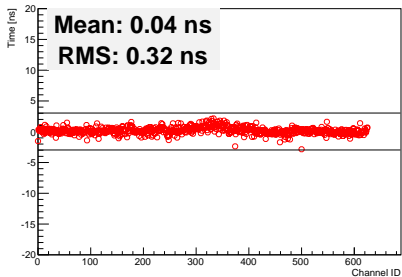


Left run 11-16, right is run 17 with 11-16 corrections

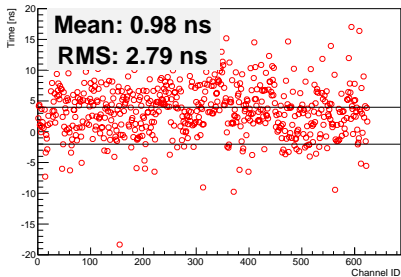
Time Reference Corrections - Layer 2 Sheet 1 View 0



Time Reference Layer 1 Sheet 0 View 0

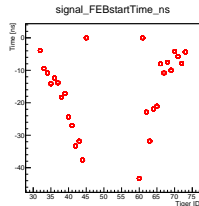
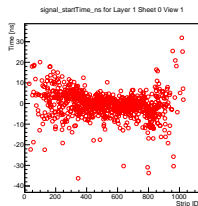
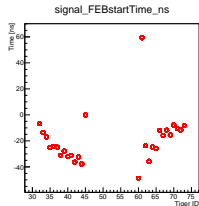
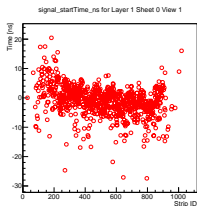


Time Reference Layer 1 Sheet 0 View 0

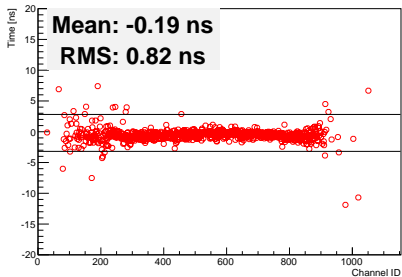


Left run 11-16, right is run 17 with 11-16 corrections

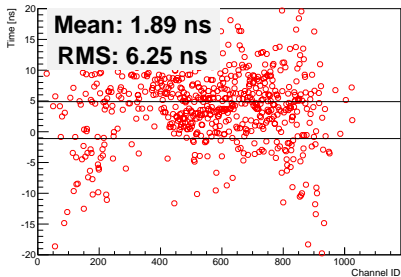
Time Reference Corrections - Layer 2 Sheet 1 View 1



Time Reference Layer 1 Sheet 0 View 1

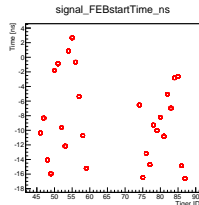
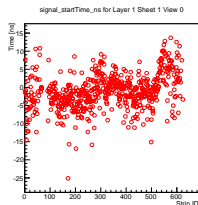
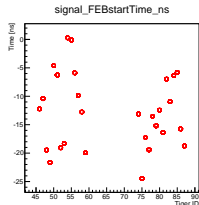
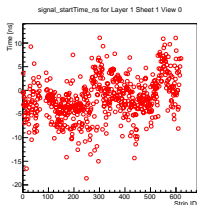


Time Reference Layer 1 Sheet 0 View 1

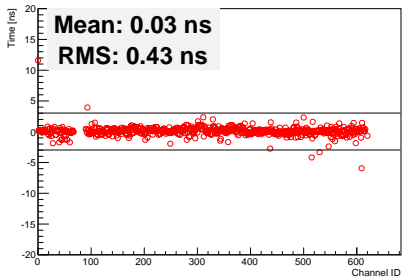


Left run 11-16, right is run 17 with 11-16 corrections

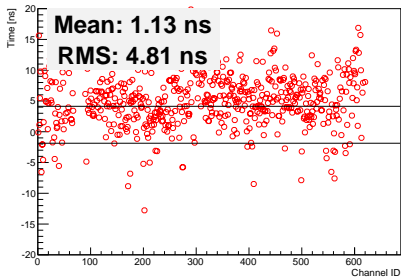
Time Reference Corrections - Layer 2 Sheet 2 View 0



Time Reference Layer 1 Sheet 1 View 0

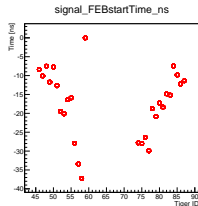
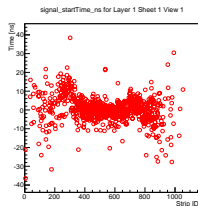
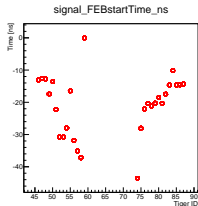
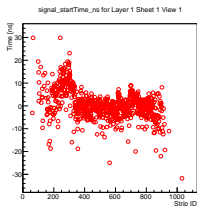


Time Reference Layer 1 Sheet 1 View 0

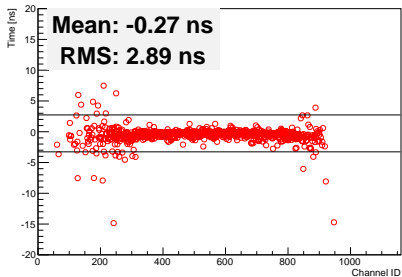


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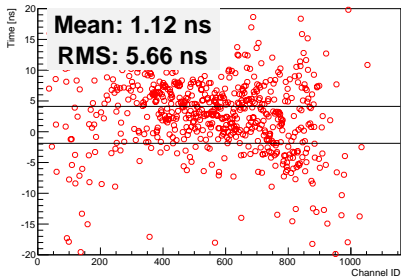
Time Reference Corrections - Layer 2 Sheet 2 View 1



Time Reference Layer 1 Sheet 1 View 1

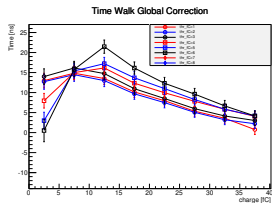
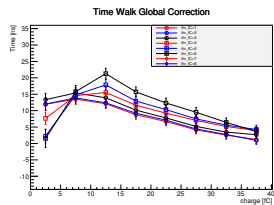
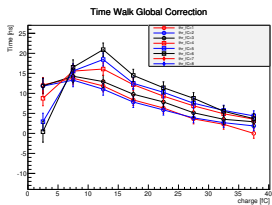


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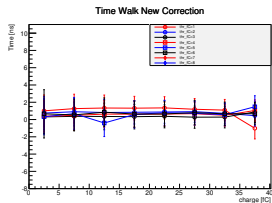
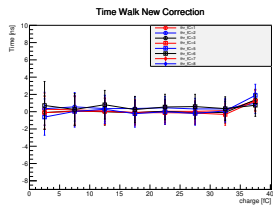
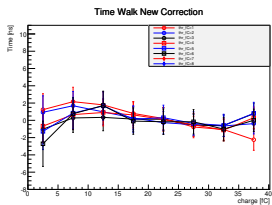


Left run 11-16, right is run 17 with 11-16 corrections

Fast Run 17 Iteration - Time Walk Corrections



Fast Run 17 Iteration - Time Walk Corrections



Fast Run 17 Iteration - Time Reference Corrections

