

**From:** "Sivertz, Michael" <[sivertz@bnl.gov](mailto:sivertz@bnl.gov)>  
**Subject:** Re: Safety Review for RHICf  
**Date:** September 7, 2016 at 1:30:35 PM EDT  
**To:** "Pak, Robert" <[pak@bnl.gov](mailto:pak@bnl.gov)>  
**Cc:** "Sivertz, Michael" <[sivertz@bnl.gov](mailto:sivertz@bnl.gov)>, "Sharma, Rahul" <[rsharma@bnl.gov](mailto:rsharma@bnl.gov)>, "Christie, William" <[christie@bnl.gov](mailto:christie@bnl.gov)>, "Cirigliaro, Peter P" <[cirn@bnl.gov](mailto:cirn@bnl.gov)>

Robert,

Thank you for showing me the lift/support mechanism for the RHICf detector. It seems very safely designed. I see no need for any further review of the lift/support mechanism.  
I look forward to the review of the rest of the detector.

Mike Sivertz  
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On Aug 29, 2016, at 12:06 PM, Robert Pak <[pak@bnl.gov](mailto:pak@bnl.gov)> wrote:

Hi Mike,

As you are probably aware, RHICf has been approved by the PAC to take data at STAR in the upcoming RHIC run in 2017. The detector gets lowered in front of the ZDC on the west side of STAR. Attached below is a photo of the mechanism designed by STAR chief engineer, Rahul Sharma already installed for that purpose. Of course, we need to schedule a safety review before we can operate the device, especially because the detector is suspended over the beam line.

Should we review the lift/support mechanism separately or include it in a review of the entire RHICf experiment? Part of the reason to do it separately would be because it is easier to make modifications now without the detector installed. Most likely we just need a CAD mechanical engineer to look at it?

Cheers,  
Robert Pak

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