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Subject: Is SADC data always time ordered ?

Posted by [Walter F.J. Müller](#) on Sat, 01 May 2004 19:18:48 GMT

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In the thread How to interface SADC to Time distribution the multiplexer module GESICA is mentioned by Igor.

Beyond the specifics of the time format, see separate thread, I wonder whether the hits are always time ordered. Or more specifically:

are hits always in ascending time order in the SADC output data stream

does the multiplexer combine the datastreams such, that the mux output is again in ascending time order

is there some sort of 'heart beat' or 'epoch marker' data in the output of the SADC, so that there are time marks at some minimal rate even in case there are no hits

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