

Interactive comment on “Ship- and island-based soundings from the 2016 El Niño Rapid Response (ENRR) field campaign” by Leslie M. Hartten et al.

Anonymous Referee #2

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This paper describes in detail radiosonde soundings obtained during the 2016 El Niño Rapid Response (ENRR) field campaign that was mobilized in advance of the 2015–2016 El Niño event. The radiosondes were launched from Kiritimati Island in the equatorial Pacific Ocean as well as from the NOAA Ship Ronald H. Brown over the same observing period, the latter conducted in conjunction with the servicing of TAO buoys. The paper is very well organized, thorough, precise and very well written, and the ENRR was a well-executed campaign that collected high quality data in the midst of a major El Niño event. I did not detect any errors, and as a result I do not have major comments or concerns, and the paper is suitable for publication.

That said, however, regarding the description of the procedures for the launches conducted off the Ronald H. Brown, I am aware of the fact that the procedure detailed is

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very similar to that which has been typically used during similar ongoing NOAA PIRATA Northeast Extension (PNE) Aerosols and Ocean Science Expedition (AEROSE) campaigns in the tropical Atlantic Ocean that NOAA/ESRL has collaborated in (and which I believe ESRL has archived the soundings from). Because of the similarity in the procedures and logistical obstacles, it would be nice if reference could be made to these campaigns, perhaps under Section 2.2.1. This would extend the description provided by the paper to these similar collaborative campaigns conducted from the Brown.

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