

Interactive comment on “A standardized database of Marine Isotopic Stage 5e sea-level proxies on tropical Pacific Islands” by Nadine Hallmann et al.

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We thank Alessio Rovere for his feedback on the comments by Paul Blanchon and Barbara Mauz.

We have highlighted in our manuscript that: “*RSL change reconstructions require the combination of reliable radiometric ages and elevation measurements, as well as an accurate estimate of palaeo-water depths deduced from the modern distribution of relevant reef communities*”. The latter has been demonstrated over the last two decades by the pioneer works of Montaggioni et al. (1997), Cabioch et al. (1999a,b) and Camoin et al. (1999), and then summarized in Camoin and Webster (2015). Unfortunately, most

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of the studies that have been carried out so far on tropical Pacific islands do not fulfill these requirements, thus implying that these LIG reef systems will have to be studied in more details with such a perspective.

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