

Interactive comment on “A harmonic projection and least-squares method for quantifying Kelvin wave activity” by Andrew Delman et al.

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Dear Mr. Delman and co-authors,

while Referee #1 asks that your method should be “at least applied to the equatorial Pacific and compared with estimates from Boulanger and Menkes (1995, 1999)”, Referee #2 takes this point further, disagreeing with the assertion that you are building on that work, while offering considerable detail in challenging a number of the assumptions made in constructing your method. Referee #1 has also read, and does support, these comments.

Referee 2 acknowledges that “it is possible that with the above comments in mind and a more careful approach, [you] could rework the procedure into something more meaningful”. The problem you are addressing is an important one. Accordingly, I will

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leave it to you to decide whether to rework your procedure and then attempt a revision; if so, it will be necessary to address the referees’ comments to our satisfaction.

Sincerely Yours, –Matthew Hecht

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