

Supporting Information for ””Reconstruction of nearshore surface gravity waves heights from Distributed Acoustic Sensing data””

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1. Figure S1 : f-k diagram

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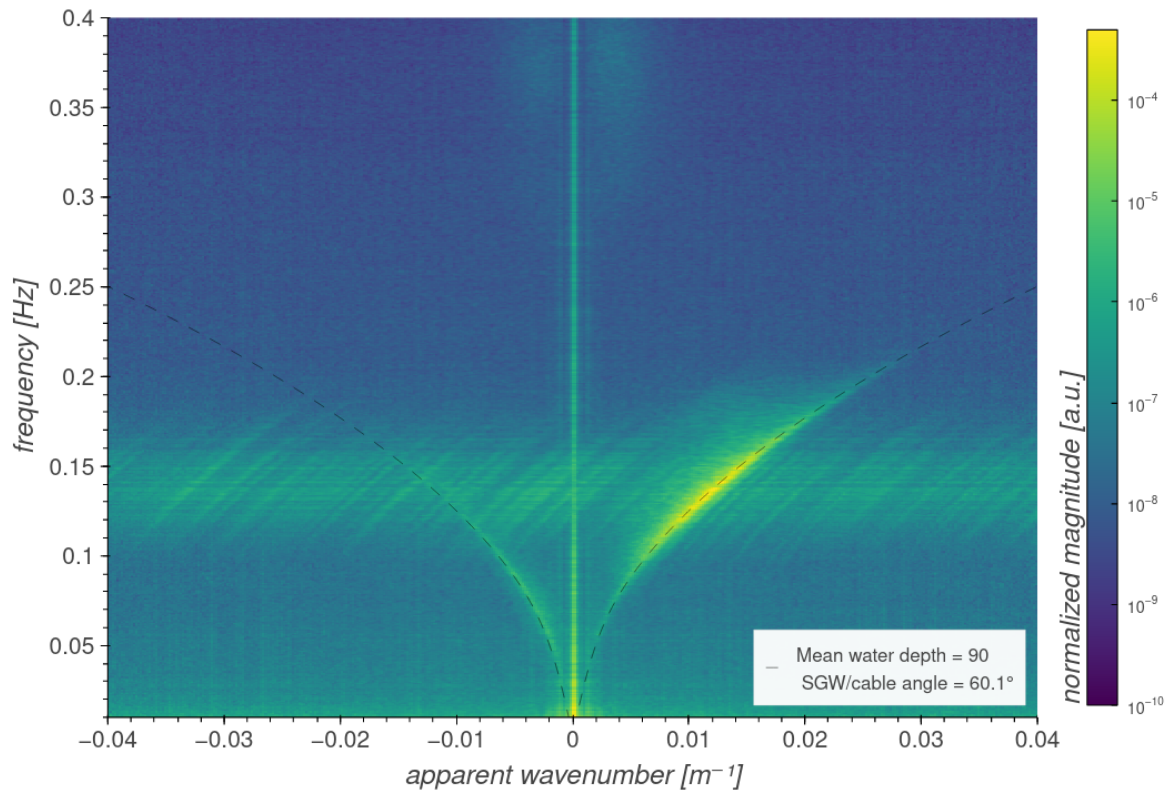


Figure S1. f-k diagram: the input data consists of 2 hours of measurements from the first 5 km of the cable. The black dashed line represents the linear dispersion relationship that best fits the data, assuming zero currents. This fit is based on the mean water depth over the continental shelf and a best-fitting relative angle between the cable and the swells.