

To the Editor of ACTA IMEKO

Roma, January 16th, 2018

Subject: Cover letter for submission of research article to ACTA IMEKO

This is to declare that the manuscript entitled:

Calibration standards for hydrophones and autonomous underwater noise recorders for frequencies below 1 kHz: current activities of EMPIR “UNAC-LOW” project,

authored by:

Alper Biber, Ata Can Çorakçı, Alexander Golick, Stephen Robinson, Gary Hayman, Justin Ablitt, Salvador Barrera-Figueroa, Silvano Buogo, Salvatore Mauro, Fabrizio Borsani, Salvatore Curcuruto, Markus Linné, Peter Sigray, Per Davidsson,

that is being submitted for publication in ACTA IMEKO, constitutes an extension of a work presented at the IMEKO TC19 WORKSHOP on METROLOGY FOR THE SEA held in Naples, (Italy) on October 11th – 13th 2017. With respect to this presentation, the submitted article is substantially different as it contains updated information regarding the current project activities. More specifically, the description of the calibration method using a coupling chamber has been revised and simplified, and additional details are given of the experimental setup for the calibration of hydrophones using the standing wave method and for the calibration of autonomous recorders in oper-water sites. New sample measurements are also presented replacing the ones given in the presentation done at the workshop. These changes allow a closer description of the project status and a better perspective to its final goals.

Yours Sincerely,



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