

The Calibration Units of KM3NeT

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Executive summary:

What is this contribution about?

The Calibration Units of KM3NeT are devices developed in the collaboration to meet KM3NeT time and positioning calibration goals.

Why is it relevant / interesting?

The Calibration Units will allow the collaboration to monitor water properties which are crucial parameters for the evaluation of the speed of sound (positioning calibration) and will make possible the time calibration between KM3NeT Detection Units (lines of sensors anchored on the seabed) thanks to a laser source.

What have we done?

The Calibration Units are almost fully built, assembled and characterized, and are expected to be deployed in the coming months for both KM3NeT telescopes.

What is the result?

Fully operational calibration devices qualified, characterized and meeting the specifications according to time and positioning calibrations.