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STT073-P05

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## R&D status of a folded pendulum tiltmeter for borehole observations 4

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A compact and highly sensitive tiltmeter has been developed. The tiltmeter is based on compact folded pendulum tuned at low frequency. It is equipped with a wide range optical transducer. With these technologies, the instrument is suitable for network observations at 'frontier region' such as ocean bottom surface, ocean bottom and land boreholes. The latest R&D status and results of actual observations will be discussed in this presentation.