## Abstract Submitted for the DFD14 Meeting of The American Physical Society

Lost in Fathoms¹ ANAïS TONDEUR, JEAN-MARC CHOMAZ, Lad-Hyx, CNRS-École Polytechnique, Palaiseau, France — In 2012, at the very point where two continents collided, the island of Nuuk disappeared without trace. At the same time, in Brisbane, the 34<sup>th</sup> International Geological Congress advanced a new era—the Anthropocene: an age where mankind has become a global telluric force. Was the disappearance of Nuuk island a one-off or a direct consequence of the emergence of the Anthropocene? This project was developed during a year of research as an artist-in-residence at LadHyX and has evolved from an expedition of the emergent part of the Mid-Atlantic ridge and the region of deep oceanic water dive. This talk will present Lost In fathoms a narratives composed of installations, drawings and photographs by the means of which we investigate the causes involved in the disappearance of Nuuk island. It challenges the perception of oceanic and geologic time scales and human's impact on the environment. This project is exhibited from October 16<sup>th</sup> to November 29<sup>th</sup> 2014, at GV Art Gallery in London, a contemporary art gallery devoted to art and science shows.

<sup>1</sup>Acknowledgment: GV Art Gallery London, Chaire DDX École Polytechnique, LaSIPS Université Paris-Saclay

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Date submitted: 11 Jul 2014 Electronic form version 1.4