

Update on the Ice-Tethered Profiler contribution to AON

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First deployed in late summer, 2004, WHOI Ice-Tethered Profilers have to date returned more than 22,000 temperature and salinity profiles from the upper Arctic Ocean in all seasons in support of numerous national and international research programs. This poster will review the ITP technology, detail the instrument performance history and highlight some of the science being done with the data. While challenges of a thinning and more deformable ice pack are very real, being virtually the only instrument system presently returning upper ocean water property information in real time from the ice-covered Arctic in all seasons, we believe the ITP will remain a key contributor to future Arctic observing networks.