

Ice-Tethered Profiler: ITP25 Overview

Deployment Location: 9/22/2008, 02:00 UTC at 80° 38.5'N, 166° 46.0'W

Last Location: 7/7/2009, 23:00 UTC at 84° 6.5' N, 120° 42.9' W

Duration: 289 days

Distance Travelled: 2024 km

Number of profiles: 580 in 289 days

Other instruments: ITAC, PAWS

ITP25 was deployed on a 1.6 m icefloe in the Beaufort Gyre from the German Research Vessel Polarstern as part of the European Union [DAMOCLES](#) Program. On the same icefloe, an Optimare ITAC (Ice-Tethered Acoustic Profiler) with GPS mast and University of Hamburg (ZMAW) PAWS (Polar Atmospheric Weather Station) meteorological buoy were also installed. The ITP operated on a typical sampling schedule of 2 one-way profiles between 7 and 760 m depth each day.

Last updated: March 3, 2015



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ITP25 surface package (with supplemental conical foam flotation) after deployment, with the Polarstern in the background. (Ben Rabe)

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