

Ice-Tethered Profiler: ITP 5 Overview

Deployment Location: 9/7/2006, 20:00 UTC at 75° 54.7'N, 138° 4.2'W

Last Location: 12/1/2007, 23:00 UTC at 79° 15.0' N, 149° 9.0' W

Duration: 450 days

Distance Travelled: 3892 km

Number of profiles: 1095 in 365 days

Other instruments: none

ITP 5 was deployed on a 3.0 m thick ice floe in the Beaufort Sea as part of the [Beaufort Gyre Observing System \(BGOS\)](#) during the JWACS 2006 cruise on the CCGS Louis S. St. Laurent. The ITP unit operated on a fast sampling schedule of 3 one-way profiles between 7 and 760 m depth each day for exactly one year, then the profiler stopped. The surface buoy continued to transmit daily status for another 85 days.

Last updated: October 23, 2014

Copyright ©2007 Woods Hole Oceanographic Institution, All Rights Reserved.

Mail: Woods Hole Oceanographic Institution, 266 Woods Hole Road, Woods Hole, MA 02543, USA.

E-Contact: info@whoi.edu; press relations: media@whoi.edu, tel. (508) 457-2000

Problems or questions about the site, please contact webdev@whoi.edu



[Enlarge Image](#)

ITP 5 after deployment on September 7, 2006, as the field group hauls the last load of equipment to the helicopter for transport back to the CCGS Louis S. St. Laurent. Photo by Rick Krishfield.