

Ice-Tethered Profiler: ITP 3 Overview

Deployment Location: 8/23/2005, 23:00 UTC at 77° 36.1'N, 142° 11.8'W

Last Location: 9/9/2006, 22:00 UTC at 74° 15.0' N, 135° 9.0' W

Duration: 382 days

Distance Travelled: 2559 km

Number of profiles: 1532 in 382 days

Other instruments: IMB 07950

The third ITP was deployed in the Beaufort Sea on as part of the [Beaufort Gyre Observing System \(BGOS\)](#) during the JWACS 2005 cruise on the CCGS Louis S. St. Laurent. ITP3 and an [US Army Cold Regions Research and Engineering Laboratory \(CRREL\) Ice Mass Balance Buoy](#) were deployed on a 3.5 m thick multiyear ice floe in a location designed to drift through the BGFE array during the following year. The ITP unit operated on a fast sample schedule of 4 one-way profiles between 10 and 760 m depth each day until the unit was damaged during an attempted recovery operation the following summer.

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](#)

ITP3, IMB 07950, and CCGS Louis S St. Laurent on August 23, 2005. Photo by Chris Linder.