Autosonde Installation at ARM Climate Research Facility North Slope of Alaska Site

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The Vaisala **Autosonde Sounding System** final installation and training at the ARM Climate Research Facility North Slope of Alaska site in Barrow, Alaska took place in May 2011. A Vaisala field technician travelled from Helsinki, Finland to Barrow, Alaska to complete the installation of the Autosonde and train our site operations team.

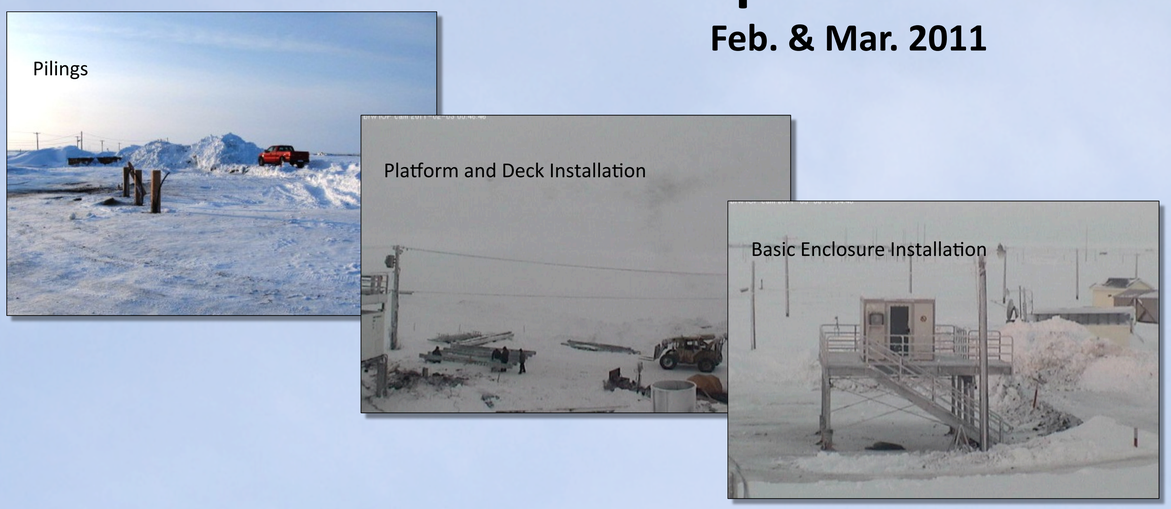
Arrival in Barrow

August 2010

The Autosonde made the long journey from Helsinki, Finland to Barrow, Alaska via ship, truck, and barge.

Preparations

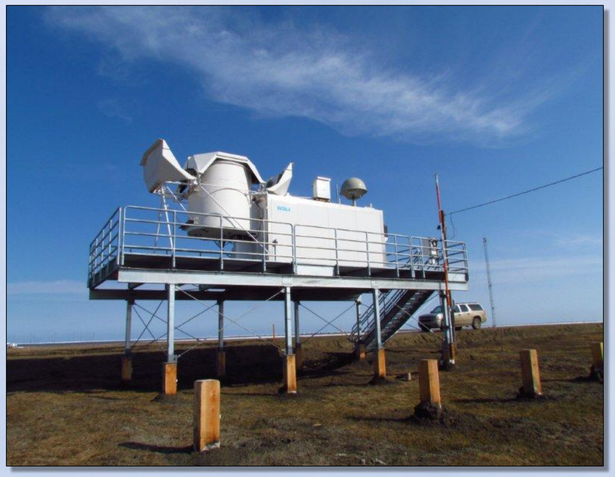
Feb. & Mar. 2011



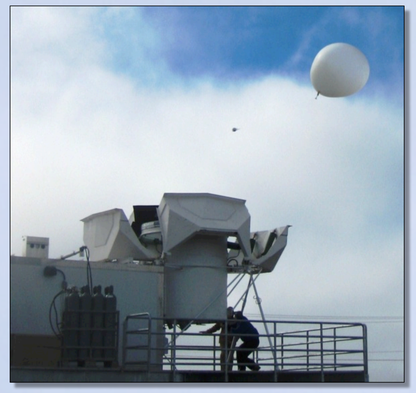
Preparations for Autosonde installation took place in February and March when the tundra was frozen. This was done to reduce or eliminate any damage. The Autosonde is elevated off the tundra to eliminate snow drifting issues.

Installation & Testing

May & June 2011



A Vaisala technician from Finland traveled to Barrow to complete the final installation and to train the operations staff on the use and maintenance of the Autosonde.

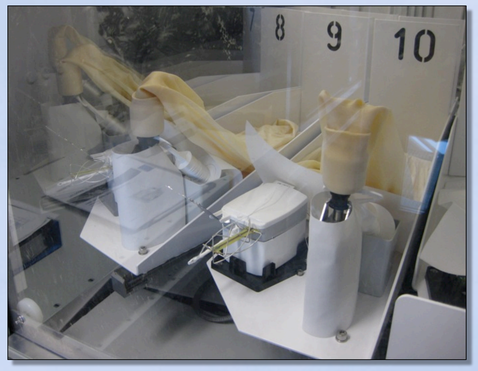


The Autosonde employs Axeda ServiceLink which enables Vaisala to monitor, diagnose, and repair its weather measurement products from their headquarters in Vantaa, Finland. By detecting issues from their service center, repairs can be made remotely before becoming critical. This advantage provides:

- Fewer on-site service repairs
- Better first-time fix rates
- Increased knowledge of how products perform in the field
- Reduced service costs
- Increased uptime

Winter Operations

November 2011



Sondes loaded and ready to be launched.

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