

POLAR SCIENCE NETWORK COMMITTEE

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<http://amrc.ssec.wisc.edu/>

http://www.iris.edu/hq/about_iris/governance/polar

<http://www.unavco.org/community/governance/committees/polar/polar.html>

1. OVERVIEW

The Polar Science Network Committee (PNSC) was established jointly by the UNAVCO (formerly University NAVSTAR Consortium) and IRIS (Incorporated Research Institutions for Seismology) Program for Array Seismic Studies of the Continental Lithosphere (PASSCAL) consortiums. The PNSC has a goal of coordinating UNAVCO and IRIS/PASSCAL efforts in polar instrumentation and polar observing networks (Figure 1). This not well-known, but very active committee has worked to engage the polar geodetic and seismic communities in developing sustainable polar observing systems. One of their notable successes is the development of larger, sustainable power systems in use at a variety of sites in the polar-regions (Figure 2). This presentation will outline the role of the PNSC, a bit

of its history, membership, the over arching tasks of the committee, along with its efforts to reach out to the broader polar observing research community.

This discussion will briefly highlight some sample recommendations from a workshop report on a facility plan for polar seismic and geodetic science. Emphasis will be on the PNSC efforts to reach out to other members of the polar observing community. A future workshop that will focus on polar observing systems is being discussed, and will be introduced to the community in this brief presentation.

2. ACKNOWLEDGEMENTS

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collaborative work of the UNAVCO and IRIS/PASSCAL groups.

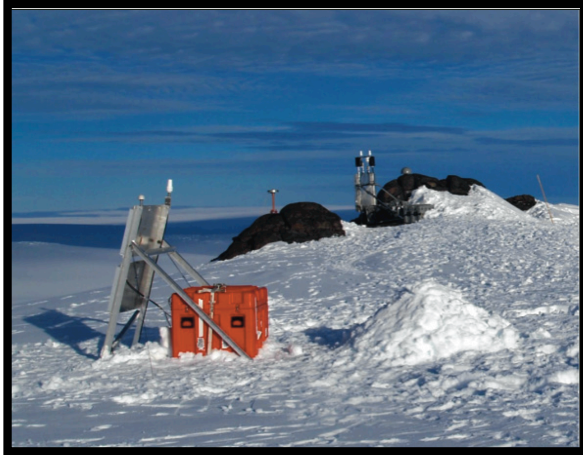


Figure 1. This photo depicts a co-located seismic and geodetic site at Thurston Island Antarctica. Also adjacent to this site but not shown here is a Wisconsin AWS. This is one of many collaborative sites part of the Polar Earth Observing Network (POLENET) project, and is an example of the

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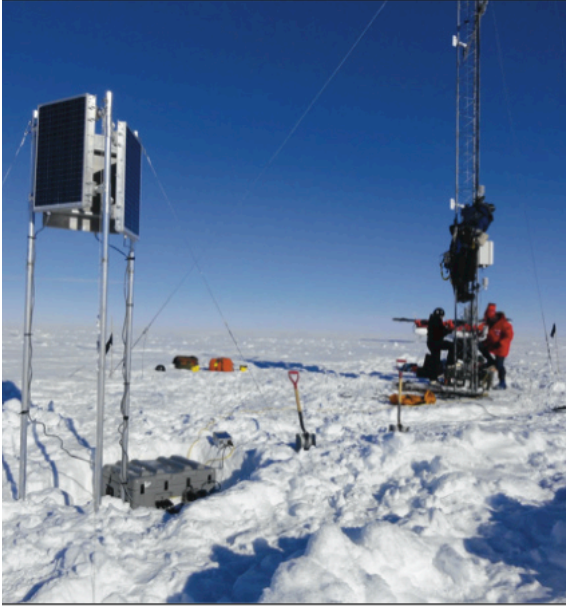


Figure 2. At Alexander Tall Tower! AWS site, the UNAVCO power system employed there is the result of work accomplished under the advice of the PNSC.