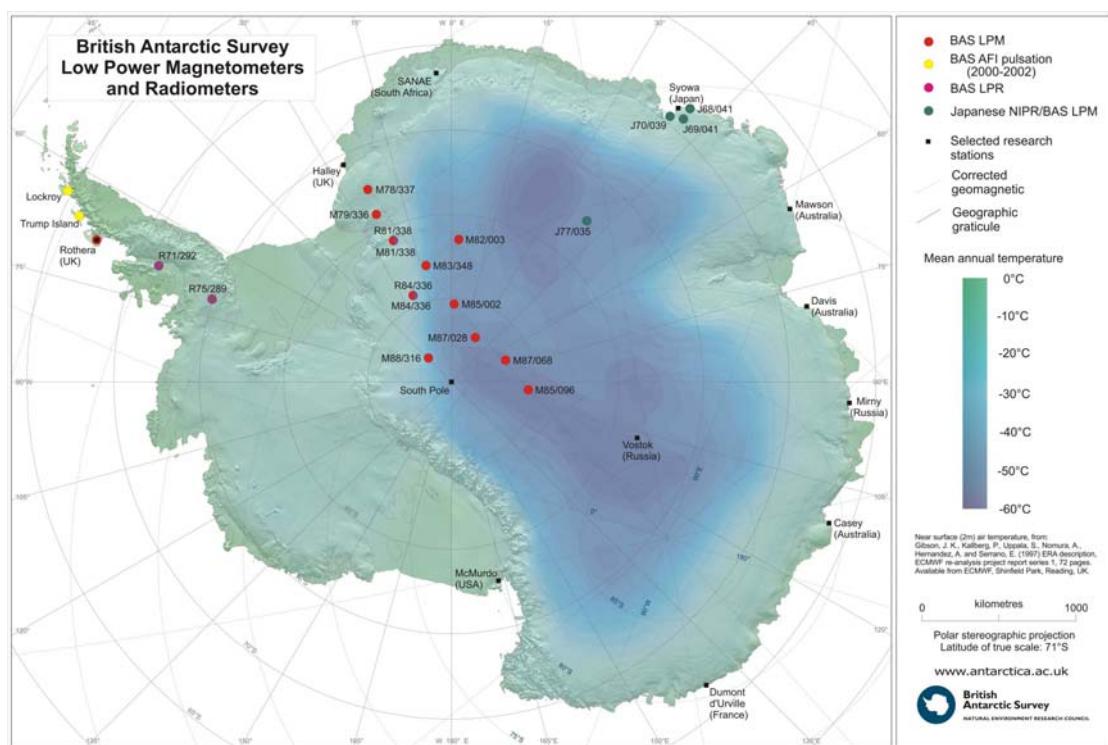


## Description of Low Power Magnetometer System.

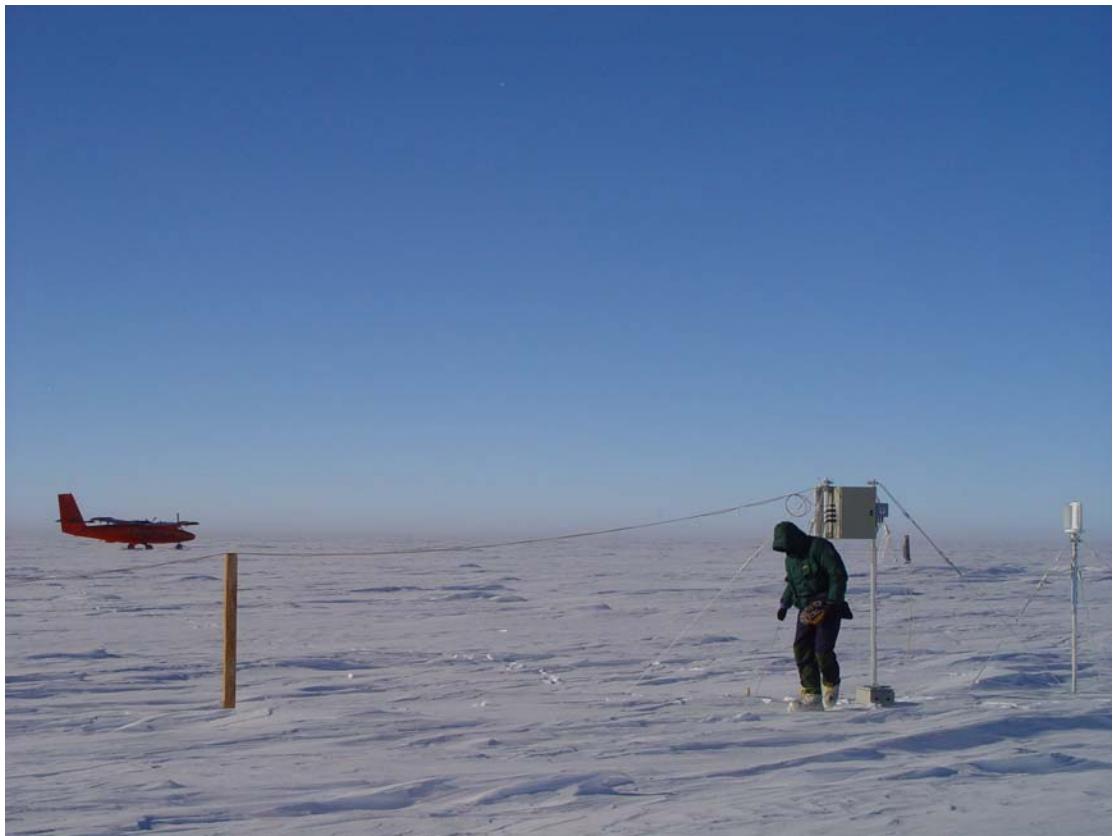
A 3 axis fluxgate magnetometer designed by British Antarctic Survey for use in polar regions. The magnetometer is complete with sensor, logger, and environmental power system. It has been designed to be extremely simple to deploy and maintain and requires no specialist training or skills to do so. The system samples every second and produces data at better than 2nT resolution. Full details of its performance are available on the British Antarctic Survey's website at:

[http://www.antarctica.ac.uk/bas\\_research/instruments/lpm.php](http://www.antarctica.ac.uk/bas_research/instruments/lpm.php)

The system has a track record of operating at extremely remote locations in Antarctica, some sites have been operating continuously since 2001.



The system generally takes less than 2 hours to deploy in Antarctic conditions.



Retrieving the data and annual maintenance usually takes about 30minutes.

