

**Polar Gateways Arctic Circle Sunrise 2008 Conference**  
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**Abstract**

**Continuous Incoherent Scatter data through the IPY**

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The high-latitude incoherent scatter radar community has made an unprecedented effort to raise the availability of ionospheric measurements dramatically during the IPY. The EISCAT Svalbard Radar has provided the most comprehensive coverage, with substantial contributions from other radars at Sondrestromfjord, Greenland, Millstone Hill, Massachusetts, and Irkutsk, Russia, as well as the brand new radar at Poker Flat, Alaska. Besides the scientific and operational impact of the IPY operation, the huge increase in activity has also brought its own crop of human stories as the operators struggle to maintain round the clock operation. The presentation will inter-mix a few of the scientific aspects of the run with some of the excitement of actually operating these huge research instruments continuously for a straight year.