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# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 03 044 10R-M

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TEAM MEMBERS: Jan Wiid, George Sofko, Hercules Olivier

AFFILIATION: University of Saskatchewan

TITLE: The PolarDARN radar for Rankin Inlet (Kangiqliniq)

### OBJECTIVES OF RESEARCH:

A large group of international scientists have joined to use radars to study high-altitude weather systems and their effects upon the low-altitude weather we experience at the ground. The SuperDARN (Super Dual Auroral Radar Network) community, with funding and/or participation from 12 countries ( Canada, US Great Britain, France, Italy, Finland, Norway, Iceland, Japan, Australia, New Zealand and South Africa), has constructed 9 radars in the northern hemisphere and 7 in the southern hemisphere (including four in Antarctica) All of the 16 SuperDARN radars are located so as to examine the "auroral zone" (the zone of northern or southern lights) at high latitudes in the northern and southern regions of the earth.

### TERMS & CONDITIONS:

The holder of this license will be bound by the terms and conditions (attached) from the Nunavut Impact Review Board Screening Decision Report and per the Department of Culture, Language, Elders and Youth Archeological Sites terms and conditions. These terms and conditions will form part of this licence

### DATA COLLECTION IN NU:

DATES: August 10, 2010-December 31, 2010

LOCATION: Rankin Inlet

Scientific Research License 03 044 10R-M expires on December 31, 2010

Issued at Iqaluit, NU on August 10, 2010



Mary Ellen Thomas  
Science Advisor

