

Poker Flat Incoherent Scatter Radar (PFISR) Management and Operations Plan

PFISR Management Structure (including co-investigators)

Brief Description of the Facility

Operational Constraints (power, remote accessibility, operating modes, etc.)

PFISR Time Allocation plan

Data Acquisition, Processing, Distribution and Archiving Systems

Maintenance

Security and Safety

Rough Operating Schedule for January 1 to December 31 2007

Other material as needed

PFISR Management Structure

The Project Office will coordinate use of the facility for the scientific community by:

- Hosting workshops on using the facility and its data.
- Assisting with experiment plans and designs.
- Coordinating complementary experiments between different instruments.
- Providing technical and scientific advice to users and faculty advisors who desire it.
- Ensuring that the data from the facility is reliable, available in a timely manner, and easy to interpret.

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Poker Flat ISR operations, 2007

Nominally 1000 hours/year, enhanced to some degree by IPY funds.

Dependent on cost of maintenance, power, etc.

Will receive requests for ISR operations via website.
Requests will be scheduled by project committee.

Poker Flat ISR operations, 2007

Requests reviewed by project committee, Co-I's from:

- Millstone Hill
- SRI
- University of Alaska, Fairbanks
- University of Saskatchewan
- University of Western Ontario

Evaluated on feasibility and resource usage

Ranked by importance of science goals

Experiments combined as appropriate

Pro-rated by reduced hours when necessary

Scheduled

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Data Acquisition, Processing, Distribution and Archiving Systems

- initial suite of modes based on first operations
- development based on Sondrestrom and Millstone Hill heritage and directed by user needs
- strong user involvement is desired at all levels

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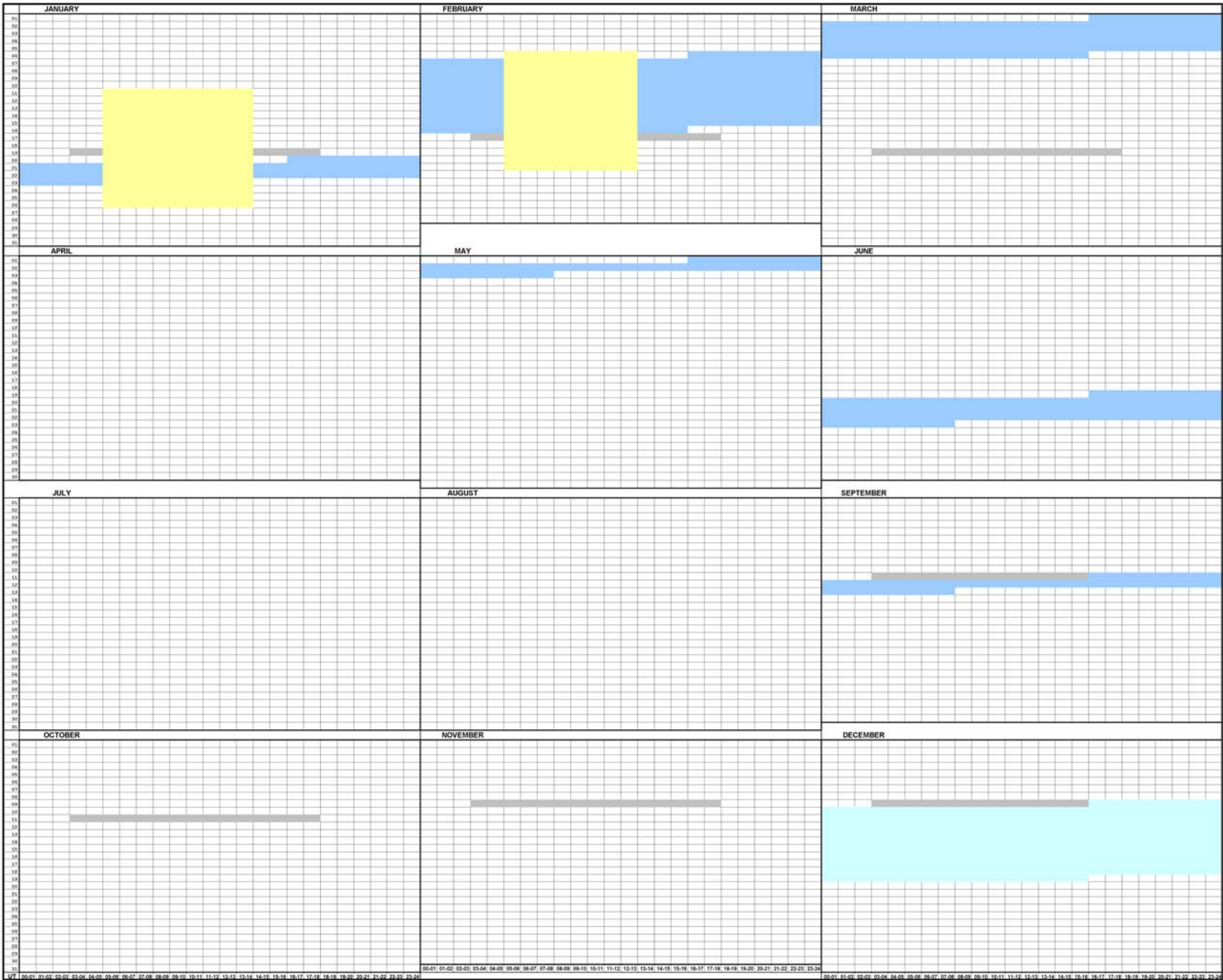
Security and Safety

Rough Operating Schedule for January 1 to December 31 2007

Other material as needed

**Poker Flat and Resolute Bay ISR operations
2008 and beyond**

Nominally 1000 hours annually at each facility



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