Natural Resources Canada’s
Polar Continental Shelf Program
Canada’s Centre of Excellence in Logistics Support in Canada’s North
Outline

- What is the Polar Continental Shelf Program (PCSP)?
  - Mission and vision
  - Where PCSP supported scientists work
  - A ‘whole of government’ approach

- What services does the PCSP provide?
  - Arctic logistics services
  - Specialised field equipment

- Who can apply to the PCSP?
- How to apply to the PCSP?
  - What happens after you apply?
- How to contact us?
Polar Continental Shelf Program, Mission and Vision

VISION
To be recognized, both domestically and internationally, as Canada's Centre of Excellence for logistics support over the Canadian land mass with a strong emphasis on contributing to the performance of science and the exercise of sovereignty in the Canadian North.

MISSION
PCSP provides safe, efficient and cost-effective logistics services in support of science and Government priorities.
Where PCSP supported scientists work

- PCSP supports on average 140 science projects and up to 1100 researchers every year.
- PCSP is supporting 8-10 Canadian Armed Forces Arctic Training Centre Projects annually.
- PCSP currently has fuel cached in 1592 locations in the Arctic.
A whole of government approach

To maximize efficiencies, PCSP partners with major science programs to deliver their field logistics:

- ArcticNet (Network Centre of Excellence)
- Geo-Mapping for Energy and Minerals (GEM 2)
- Polar Knowledge Canada’s (POLAR) Science and Technology program

AND with non-science organizations to share resources and cost effectively meet Government of Canada objectives:

- Parks Canada operations
- Department of National Defense: Arctic Training Centre capability

- PCSP delivers existing logistics services using existing program (e.g., application process, timeline) for all clients
- All partner S&T programs have fully recoverable field programs
What services does the PCSP provide?

Our Arctic logistics services

- Charter aircraft in Arctic
- Aircraft and camp fuel
- Loan of field equipment
- Accommodations / working space at PCSP facility in Resolute
- Lab access in Resolute
- Field communications
- Sealift coordination
- Coordination of shipments to the field

We can provide advice

- Charters to the North
- Fuel drum clean-up in limited cases
- Set up and run field camps
- Access to other northern facilities
- Licensing and permitting
- Local expediting
- Southbound shipments
- Marine or ship based logistics
Specialized Field Equipment

- PCSP operates a single inventory, multiple locations (Ottawa, Resolute, Cambridge Bay) concept designed to minimize costs and reduce duplication in the provision of field equipment to various research clients and partners
- PCSP recovers costs for expendable items only (e.g., bear spray, berms)
- Clients are responsible for:
  - All shipping charges (unless picked up from a PCSP depot)
  - Equipment must be returned at the end of the field season to the depot from which it was issued
  - Clients are financially responsible (replacement value) for any loss or damage of field equipment due to misuse, abuse or neglect
Who can apply to PCSP for logistics coordination assistance?

- The PCSP assists **scientific research projects** in disciplines ranging from Anthropology to Zoology working in the Canadian Arctic
- Groups that are eligible for PCSP in-kind support
  - Canadian universities and colleges
  - Canadian federal government departments and agencies
  - Territorial government departments, First nations governments, or northern organizations
- Groups that are eligible for PCSP logistics coordination services on a recoverable basis
  - Field-based operations, weather stations, inspections, etc.
  - International universities or research institutions
  - Media or documentary film makers
  - Specific scientific programs e.g. NRC, GEM-2, POLAR S&T, DRDC
How to apply for PCSP logistics coordination assistance for your project?

- Submit an annual request for Arctic logistics support is in **October** for the following field season: [www.pcsp.nrcan.gc.ca](http://www.pcsp.nrcan.gc.ca)

- **Required Information:**
  - Principle investigator name and affiliation
  - Project title and description
  - Camp and/or field site locations
  - Dates in and out of the field
  - Field party composition
  - Aircraft and fuel requirements
  - Field equipment requirements
  - Camp fuel requirements
  - Health and safety plan
  - Budget

- You may submit more than one application.
What happens after you apply for PCSP logistics coordination assistance?

- PCSP contacts all applicants to discuss their proposed projects
- PCSP reviews all request and assesses logistics feasibility
  - Location and timing of work
  - Opportunities to share aircraft between projects
  - Cost effectiveness for PCSP to coordinate
  - Adequate health and safety plan
- If eligible, projects are prioritised for in-kind support
- An initial cost estimate is provided in January and clients are asked to confirm intent to proceed.
- Season plan is finalised and Project Agreement is sent with terms and conditions
Before going to the field and when in the field

Before you go:
- PCSP requests copies of all permits, licenses and certificates
- Waivers are required to travel on aircraft for all non-federal participants

In the field:
- PCSP has a twice daily scheduled radio call with all field camps
  - If you do not call in within 24hr, PCSP will initiate a search at your expense
- PCSP-supported projects are under the jurisdiction pertaining to PCSP-chartered aircraft operations
  - Any changes to aircraft requirements must be made by PCSP logistics officers (not the client)
Season Timeline

<table>
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<tr>
<th>Clients</th>
<th>Calendar year</th>
<th>Fiscal year</th>
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<tbody>
<tr>
<td>October</td>
<td>December</td>
<td>January</td>
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- **PCSP**
  - Online request form
  - Clarification of requirements
  - Cost estimates
  - Priority setting
  - Letter of Decision
  - Season Planning
  - Open Reserve Facility
  - Fuel Gearing
  - Invoice projects for Jan-Mar
- **Confirm field details**
- **Track logistics (document including variance from plan)**
- **Communicate change requests to PCSP and management**
- **Verify Client Project Summary**
- **Pay invoice**
- **Client Project Summaries**
- **Invoice recoverables**
- **Close contracts**
- **Calculate minimum**

Arctic field season
Contact us

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