

## **Non-Technical Project Proposal Description**

### **Project Title:**

Pangnirtung Harbour Expansion

### **Name and Affiliation:**

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### **Project Location:**

Tidal flats of the Pangnirtung Fjord located adjacent to the Hamlet of Pangnirtung within the area of the existing fishing harbour.

### **Timeframe:**

Summer construction season 2009-2011

### **Project Description:**

The Small Craft Harbours Branch (SCHB) of the Department of Fisheries & Oceans Canada (DFO) has been mandated to develop small craft harbour facilities in Nunavut. The construction of the first small craft harbour will take place at the existing harbour location at the Hamlet of Pangnirtung. The existing harbour is located in an area of tidal flats, and includes a partially excavated entrance channel and basin, a 365 m long rubblemound ("east") breakwater, a vertical wharf structure and a marshalling area. The existing facilities were constructed between 1993 and 1996.

The proposed improvements include new fixed and floating wharf structures attached to the inside of the existing (east) breakwater, a second breakwater located to the west of the basin, expanded marshalling area within the basin, an additional marshalling area in front of the fuel farm, boat launching ramp, and a deeper entrance channel and mooring basin. All options will be explored for the use of dredge spoils in the new breakwater and marshalling areas. Additional activities may include ocean disposal of excess dredge spoils.