



arctic development expo  
northern realities • northern solutions

## 2022 KNOWLEDGE ECONOMY, SPACE & TECH TOUR

### **TOUR START TIME:**

Monday, June 13<sup>th</sup> at 3:00 pm

### **TOUR PICK-UP LOCATION:**

This tour will begin in front of the Midnight Sun Complex

### **TRANSPORTATION PROVIDED BY:**

TBA

### **TOUR HOST:**

The Knowledge Economy, Space, & Technology Tour will be hosted and guided by Paul Komaromi.

### **AURORA RESEARCH INSTITUTE**

**ADDRESS:** 191 MACKENZIE ROAD

**FEATURE:** Kyle Little, Western Arctic Centre for Geomatics and Garfield Giff, Geomatics, Aurora Research Institute - Use of Geographic Information Systems and Earth Observation Data to address Ice and Permafrost Issues in the Western Arctic.

### **INNOVATION, SCIENCE, and CLIMATE CHANGE**

#### **Inuvialuit Regional Corporation**

**ADDRESS:** 185 Mackenzie Road

**FEATURE:** Understanding the changes on the ground and with the climate in the Arctic has been a priority for the Inuvialuit. To help address these issues and gather information from community members and get a better understanding of any changes the ISCC was established.



## INUVIK SATELLITE STATION FACILITY (ISSF)

**ADDRESS:** Airport Road

**FEATURE:** Jiri Raska, NRCAN, Manager ISSF - hired on 2017, Jiri has been responsible for the site operations, the on-the-ground support and information at the ISSF. NRCAN acquired the land for the ISSF and the first satellite dish was completed and operational by 2010. The ISSF currently hosts the NRCAN dish, German Space Agency (DLR) dish, and 4 dishes owned and operated by the Swedish Space Corporation (SSC). All of these dishes are used for downloading and communicating with polar orbiting earth observation satellites.

## CANADIAN SATELLITE GROUND STATION INUVIK (CSGSI)

**ADDRESS:** Airport Road

**FEATURE:** Tom Zubko, New North Networks - Tom has been involved in the satellite ground station business since the idea was first brought to Inuvik in 2006-2007. The CSGSI was established in 2016 and the Norwegian Space Agency (KSAT) constructed the first satellite dish on the site. Currently there is one - 13 m dish and 20 smaller 3 m dishes with some in radomes. The 3 m dishes are owned by KSAT, Kepler, OneWeb and Planet.

