



arctic development expo
northern realities • northern solutions

2023 KNOWLEDGE ECONOMY, SPACE & TECH TOUR

TOUR START TIME:

Monday, June 12th at 3:00 pm

TOUR PICK-UP LOCATION:

This tour will begin in front of the Midnight Sun Complex

TRANSPORTATION PROVIDED BY:

Arctic Chalet / Arctic Adventure Tours

TOUR HOST:

The Knowledge Economy, Space, & Technology Tour will be hosted and guided by Peter Clarkson

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.



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. The 3 m dishes are owned by KSAT, Kepler, OneWeb and Planet.

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.

