



WP 5 – Connecting the Arctic: Transport and Communication

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Partners involved in the WP



**EUROPEAN
POLAR BOARD**

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WP 5 – Connecting the Arctic: Transport and Communication

- Arctic research – reliant on crossborder cooperation
- Provide information to reduce barriers for exchange of people and scientific samples across national borders in the Arctic
- Identify bottlenecks for the free mobility of researchers, their samples and their data
- Recommendations on how implementation of the Agreement on Enhancing International Arctic Scientific Cooperation could be further developed
- Improve communication for local communities, research stations while introducing new smart instrumentation



Task 5.1 (EPB)

Identify and help to reduce barriers of exchanging people and transporting scientific samples across national boundaries

D5.1 Report on Significance of the Agreement on Enhancing International Arctic Scientific Cooperation for Research in the Arctic (Month 38)

Report will be based on information gathered in a survey of station managers and TA users (Subtask 2.2.1, APECS/AWI)

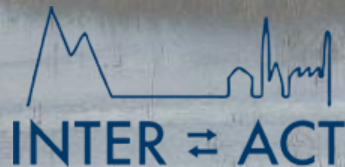
- M5.1: Policy briefing - Arctic
- M5.2: Policy briefing - Antarctic

TOMORROW

What are barriers to Arctic Science?

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Draft Survey for Station Managers



Thursday 27th May 2021 – Station Managers' Forum III



Task 5.2 (IRIDIUM)

Reduce barriers of communicating among stations, local communities and the outside world

This task will work with the Station Managers' Forum to identify state-of-the-art communication systems for researchers, stations and local and Indigenous communities [M5.3]

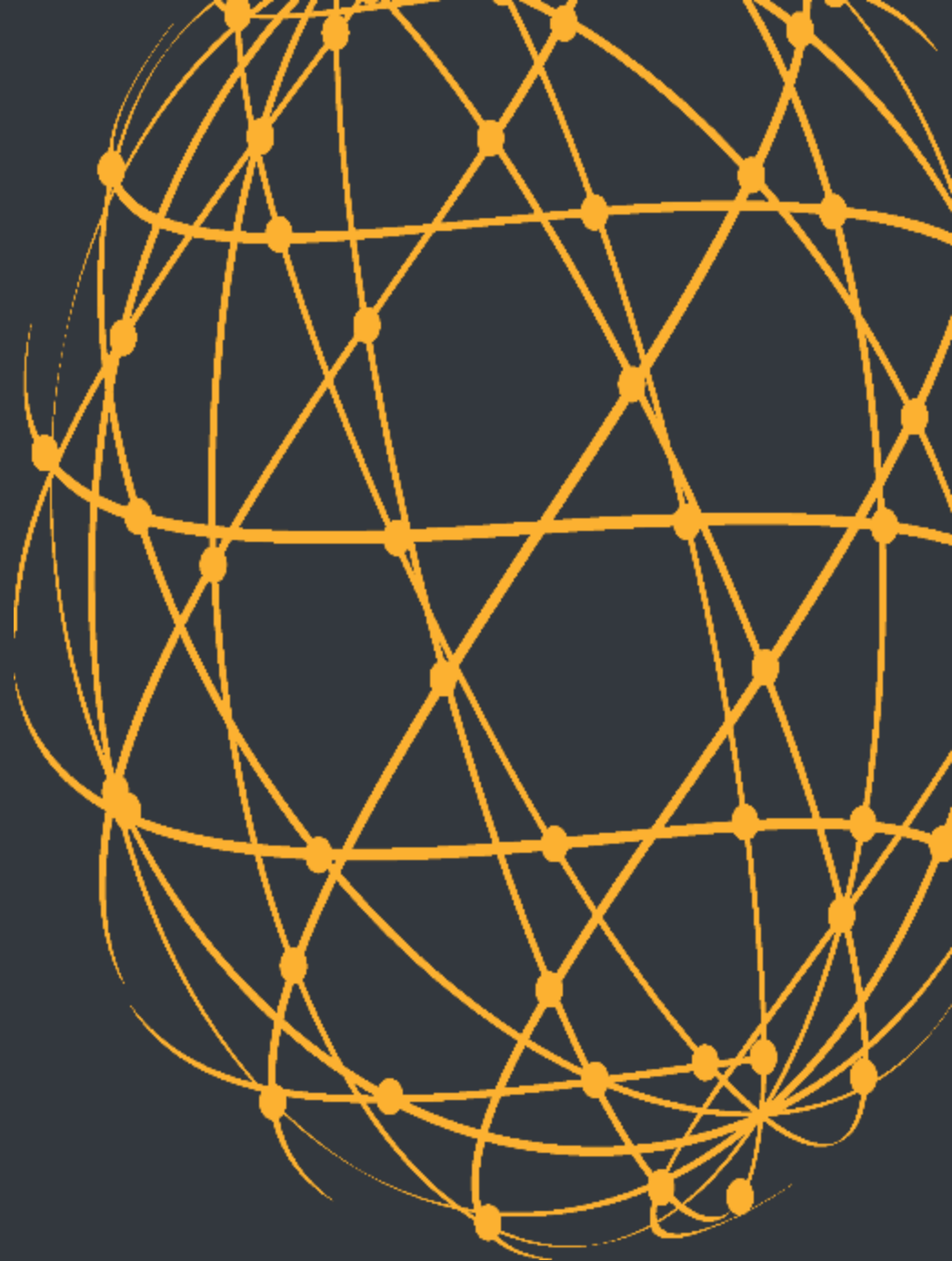
Satellite Communications in the Arctic & Antarctic

Update from Iridium

May 2021

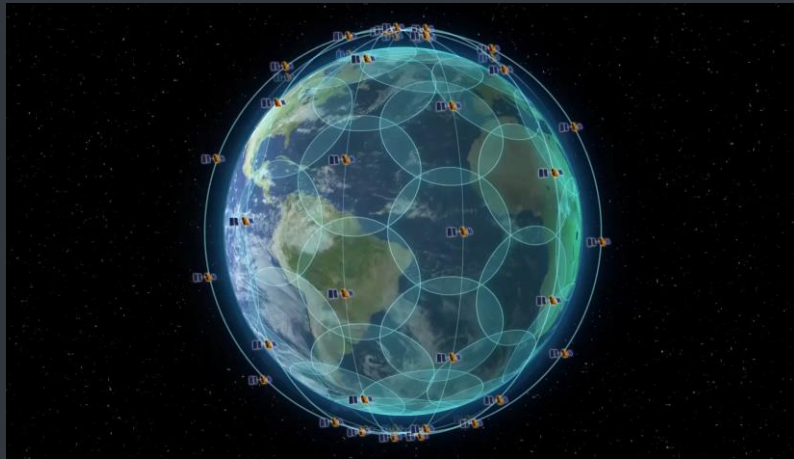
Dan Mercer

Vice President & General Manager
EMEA & RUSSIA





The Iridium® Network



Initial Requirements Survey Completed

Iridium conducted an initial survey for the Interact III teams to establish the following :

- Knowledge level of Iridium satcoms
- Areas of interest
- Requests for specific capability
- Assess requirements
- Assess how best to serve the community going forward

31 respondents

Next Steps

This summer we will schedule a webinar (series of) to address the different sectors of satellite connectivity for these regions

- Personnel & Asset Tracking & management
- Voice services
- Movement of scientific data / Connectivity via IP
- Mobile & Fixed Capability

Iridium as a Resource

The Iridium team is on standby for any communication / connectivity need across all and any of the work packages

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IRIDIUM PROPRIETARY BUSINESS INFORMATION



Ways forward

- Survey of Station Managers by APECS will feed into report (T5.1)
- Webinars during summer 2021 (T5.2)