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# National Report on the Icelandic Weather Radar Network

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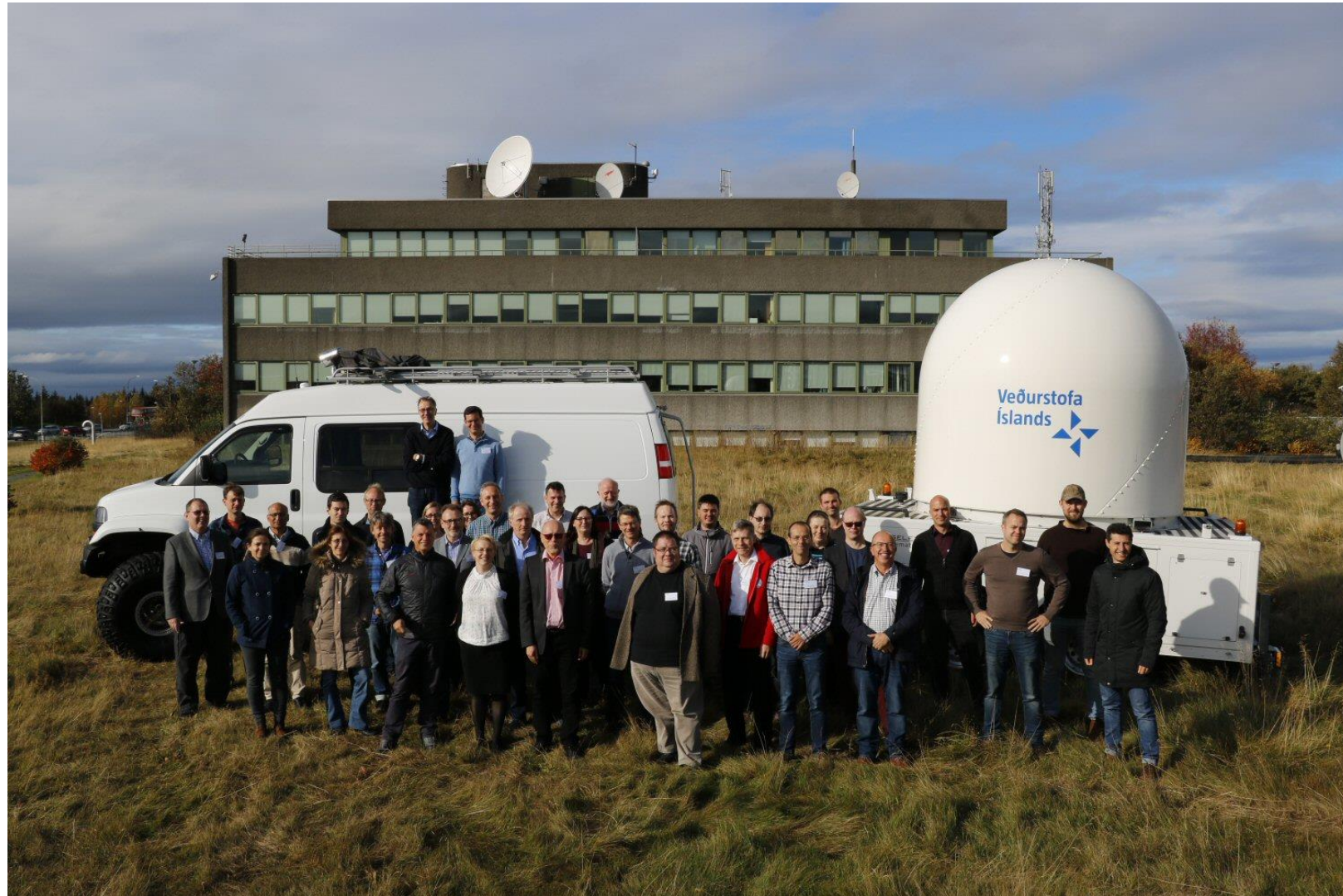
Veðurstofa Íslands - Icelandic Meteorological Office, Bústaðavegur 9, IS-105 Reykjavík, Iceland

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# The Last **Real** Opera Meeting

## Reykjavík, 25-27 September 2019

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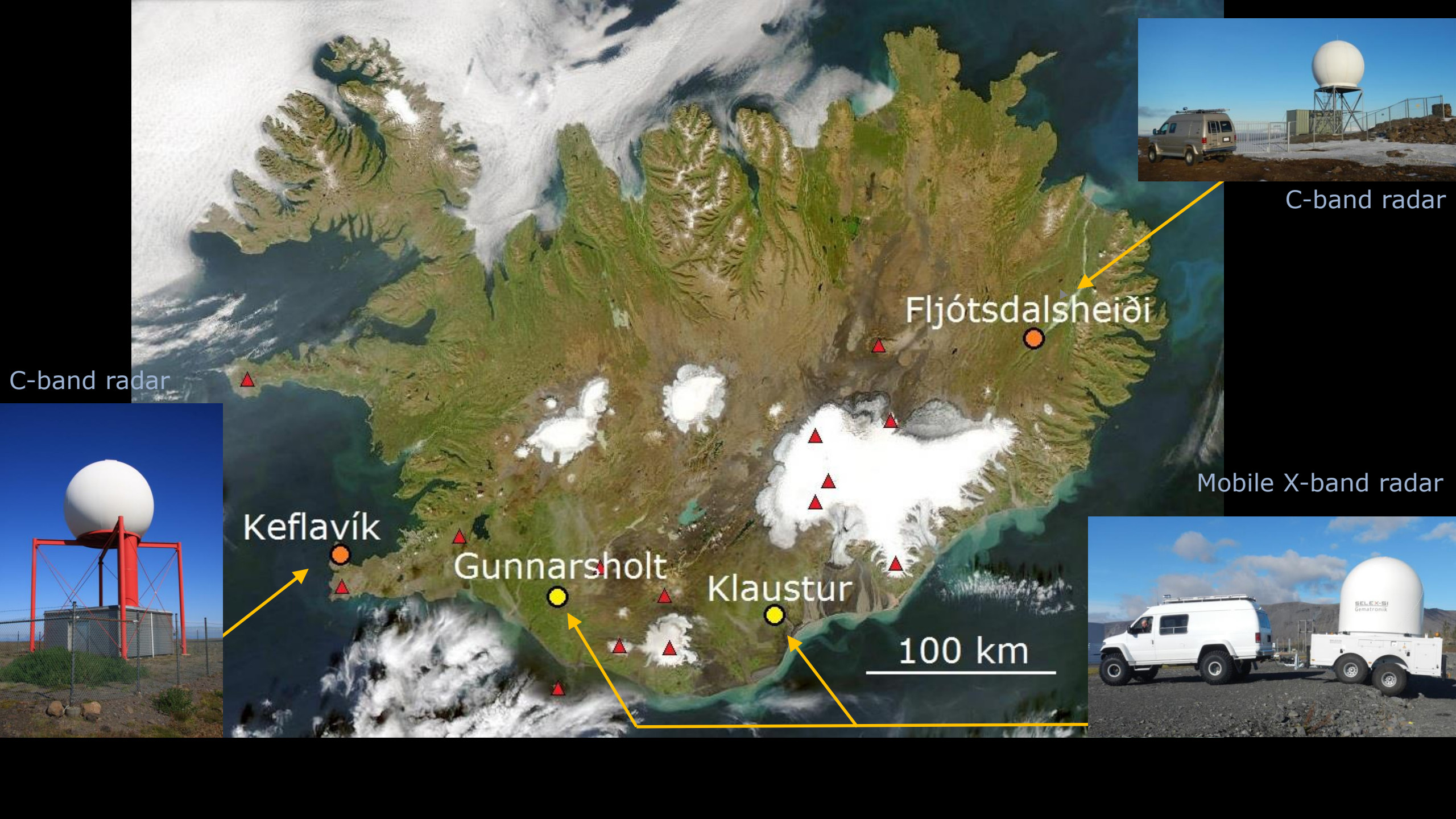
The closing ceremony of Opera 2019b Reykjavík.  
Photo Tanel Voormansik 28 September 2019 at 01:21.

### **IMO is in the process of acquiring two or three new C-band radars**

- Work on tender documents
- Tender is currently open: 9 Sept - 16 Oct 2020

### **Plans for installations of new C-band radars**

- 2020      Tender – Bids – Selection – Contract
- 2021      iskef renewed (SW-Iceland)
- 2021      isegs renewed (E-Iceland)
- 2022 ?    New C-band radar (N-Iceland)



C-band radar

C-band radar

Mobile X-band radar

Keflavík

Gunnarsholt

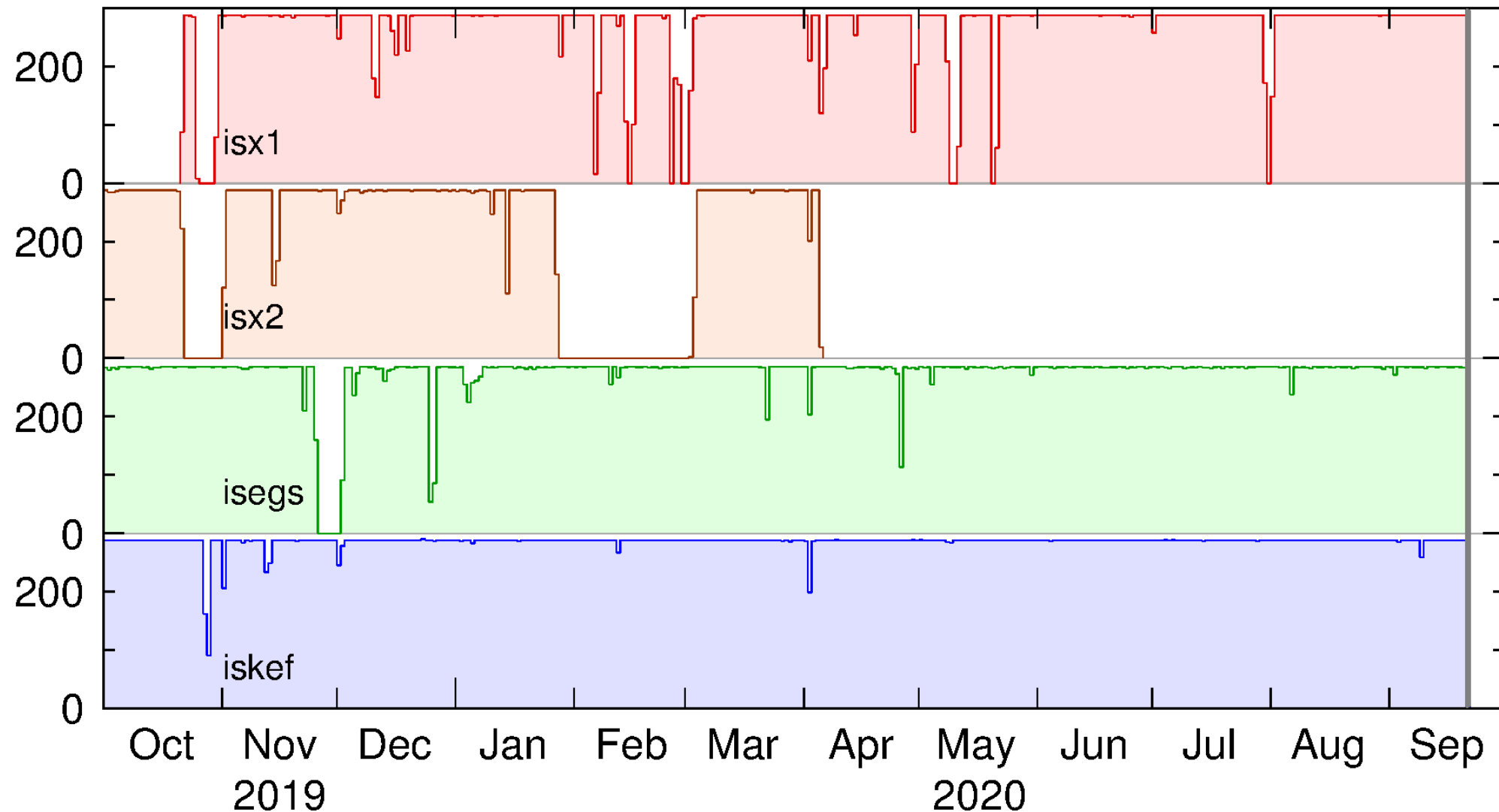
Klaustur

Fljótsdalsheiði

100 km

# Radar Data Retrievals

## Number of scans per day, Oct 2019 – Sept 2020





## Keflavík - iskef

- Jan–Dec 2019: 99.1%
- Jan–Aug 2020: 99.8%



Keflavík SW-Iceland Ericson C-band radar. Photo Þórður Arason 9 August 2011.

## Fljótsdalsheiði - isegs

- Jan–Dec 2019: 93.2%
- Jan–Aug 2020: 98.1%



Fljótsdalsheiði E-Iceland EEC C-band radar. Photo Hermann Arngrímsson 8 July 2016.

## Mobile - isx1

- Jan–Dec 2019: 86%
- Jan–Aug 2020: 93%

## Mobile - isx2

- Jan–Dec 2019: 83%
- Jan–Aug 2020: 24%



Specially adapted truck to take mobile radar off road. Photo Jón Gunnar Egilsson 25 September 2019.

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# New C-Band Radars

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**Currently our tender is open for**

- **Two or three new state of the art dual polarity C-band radars**
- We are optimistic to receive bids from Vaisala - EEC - Baron - Leonardo (Selex)
- Optionally we are asking for bids for new RPP and R&D software