

## SolarInnovate Energy Solutions

# Reykjavik base station communication query



## Overview

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Where is Iceland radio located?

Iceland Radio is the aeronautical communication service provider in the Reykjavik FIR/CTA. It is the second largest in the world with an area of 5.2 million square km. Iceland Radio (Gufunes) communication centre is located in Grafarvogur, a suburb of Reykjavik, about 10 km NE of the city centre. Approximately 40 flight information officers (FIOs).

What does ISAVIA do in Reykjavik?

ISAVIA is responsible for the safety of flights during trans-Atlantic flight, as well as airline companies and meteorological stations. ISAVIA Iceland Radio is the aeronautical communication service provider in the Reykjavik FIR/CTA. It is the second largest in the world with an area of 5.2 million square km. Iceland Radio (Gufunes) communication.

Does Iceland radio offer satellite communication?

Iceland Radio offers satellite communication service to aircrafts through IRIDIUM and IMMARSAT. When HF conditions deteriorate, a satellite communication can be applied. If the aircraft is equipped with a satellite phone on board, pilots can call Iceland Radio centre when necessary.

What equipment does Iceland radio provide?

Communication equipment in various locations is the VCCS (voice communication control system). This system gives operators great flexibility and security in their work. Furthermore, Iceland Radio provides phone patch on request. The m.

Where is the centre based in Reykjavik?

The centre is located in Grafarvogur, a suburb of Reykjavik, about 10 km NE of the city centre. Approximately 40 flight information officers (FIOs), on eight working positions, divided into 6 shift teams, work in the Communications Centre. These FIOs – or ‘radio operators’ – handle air/ground communication on

VHF and.

What frequencies does Iceland radio use?

From Iceland Radio, aeronautical communication service is provided every day for 24 hours through HF and VHF GP frequencies. VHF service is continuous over the North Atlantic Ocean with COM equipment located in Iceland, Greenland, and the Faroe Islands. Operating frequencies are VHF 126.550, VHF 127.850, and VHF 129.625.

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- ✓ LIQUID/AIR COOLING
- ✓ INTELLIGENT INTEGRATION
- ✓ PROTECTION IP54/IP55
- ✓ BATTERY /6000 CYCLES



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