

Introduction

Ionized trails from meteors can reflect radio signals at frequencies in the LOFAR bands. This appears in CS1 data as short (100 ms) bursts of signal from a distant transmitter.

One application of this effect is in communications. For example, “Radio Burst Communications” is a way of transmitting information to/from areas that are not served by satellites.

[Wikipedia article](#)

[List of TV frequencies](#)

[New article about military efforts](#)

[Page of company selling communications services](#)

LOFAR

LOFAR may benefit from thinking of these transient signals as more than RFI. Early investigations are described in a presentation at an August [CS1 meeting](#).

Some work [ongoing](#) on using reflected RFI to study transient phenomena, such as GRBs.

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