

2026-08-29

Dear Maria Zeee,
you and Tina Blanco are perfectly right if satellite up/down links are working and no one limits the communication.

Several communications are owned by you and just you. Morse with light and transceiver (two way radio) to mention a few.

If several satellite up/down links are damaged the satellite phone cannot do initial connection. A satellite phone always makes the first initial connection via a land based telephone computer, calls the phone (land based or satellite) and if both are on satellite the up/down link is avoided after the initial connection.

It is a good thing to have satellite phone, it can help in tornado areas, earthquakes and floods.

In amateur radio, HAM, people gather on a hilltop nearby to establish HF 14 MHz for over 1000 km range and VHF for 144 - 148 MHz communicating with the rescuers. As I understand it, the HAM's and privates are more effective than the officials.

Transceivers are widely used the last 100 years. Today transceivers are used by police, firemen, foresters, farmers, military, airplanes, ships, HAM, truck drivers, etc..

You can buy transceivers from \$30 to \$10,000 but, most of the handheld transceivers are between \$60 to \$600. Some are both VHF and UHF. You can sit and talk to your grandmother some km down the road, if we are having a blackout.

The police can do their work whether there is a blackout, war, floods, earthquakes, the firemen can go down in cellars and keep talking in their transceiver, the flights do not fall down because of a blackout they can still talk and the foresters will not know there is blackout.

I write to you because satellite phone is good to have but, we must all be prepared and have transceivers ready. The Faraday bags that Tina Blanco is promoting are very good, so keep it up but, .mostly important: keep the 100 year old transceivers, which you is totally yours, more important or equally important than satellite phones.

Yours sincerely
Carl Johan Friis-Hansen
Sweden