

Protection of military convoys is becoming a critical issue for military operational planners facing modern guerilla warfare threats.

Convoys are usually secured by heavily armed escort vehicles, which cover the convoy through locations known as high risk areas, these vehicles are also equipped with electronic countermeasures, to jam radio-controlled improvised explosive devices (IED). These jammers are designed to pre-activate IEDs (by Mobile Phone > mimicking the command signal) or disrupt the communications channel when the convoy passes nearby. This jammer covers wide frequency ranges from 20 MHz to 2.5 Ghz (GSM, UMTS, ...).



[Video \(Fr\) : Mobile Phone and Jamming.](#)

Lockheed Martin Corporation is fabricating the jamming **Symphony system** for the American army at a pace of 2500 units per year used in Afghanistan by the Belgian Army and sold at 78 000 \$ piece. The request continues to develop within the coalition countries.

Neither Lockheed Martin nor the Army are releasing details concerning the Symphony system.

Translation RT

<http://www.rtlinfo.be/rtl/news/article/163414/--Des+soldats+belges+malades+%C3%A0+cause+dirradiations+en+Afghanistan>

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Belgian soldiers are sick due to electromagnetic radiations in Afghanistan.

Belgian Armed Forces in Afghanistan are falling ill probably due to the jamming equipment installed in their armoured vehicles.

The Minister of Defence has started an inquiry.

All soldiers using Pander vehicles in Afghanistan are complaining of headache and nausea. These complaints are probably linked to radiations induced by the jamming equipments installed in their vehicles.

Two soldiers of the 11th engineer battalion in Burcht were already exempted and taken away from service by doctors.



The Belgian soldiers are part of the International Forces for Security Assistance (ISAF) in Afghanistan. Facing the many attacks toward the foreigner soldiers on the Afghanistan territory it was decided to equip Pandur with **Symphony jamming systems**. This equipment emits radiation waves that have a harmful effect on the Belgian military personnel's health.

According to the Defence Agency these radiations are not over the standard limits but however an inquiry is open.