

MELCARNE Fabrizio (ENTR)

From: Bernardini, Fabien [FBernardini@exchange.france3.fr]
Sent: vendredi 26 septembre 2003 17:11
To: BREFORT Thierry (ENTR)
Subject: PLC

Dear Mr Brefort,

PLC transmissions via ionospheric propagation and power lines acting as very long antennas could do serious damage to the HF spectrum worldwide. Since it takes very little signal to propagate on HF, it is guaranteed that the noise will be heard all over Europe and in other parts of the world.

The shortwave spectrum is used for many diverse applications including Broadcasting, Aeronautical, Radio Astronomy, Security, Amateur Radio, most of which will have no alternative if PLC is permitted to create interference. In addition the shortwave is used for point to point links in other countries in particular the Third World and widespread use of PLC could disrupt these communications.

The role of our states is to keep a clean spectrum for everybody, may be first for the european citizens, but please don't forget the whole humanity. Japan has already banned PLC due to interference concerns.

Broadband can be delivered by many diverse means including DSL, Cable, Wireless, Satellite etc. WiMax in particular can make a significant contribution to Wireless Broadband.

I hope you will take note of this point of view,

Regards from Corsica Island, EUROPE

Fabien BERNARDINI , TK5MH, Ham radio operator