

## MELCARNE Fabrizio (ENTR)

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**From:** Fidel Leon [ea3gip@ea3gip.net]  
**Sent:** mercredi 24 septembre 2003 19:49  
**To:** BREFORT Thierry (ENTR)  
**Subject:** PLC and ham radio

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Mr. Brefort:

I have gained access to the PLC draft's directive, as one of the people who fear the interferences PLC could do in the frequencies from 1,6 to 30 MHz.

I must start saying I am not a corporate representative.... Just a person belonging to a collective which looks at PLC as something threatening: ham radio amateurs...

We know we have little power to fight against the economical interests beneath PLC, as the PLC's potential target market of 300 million people in the EU is more than attractive, and we are a minority.

Well, we are a ITU's recognized service, with very tight spectrum allocations, guess where, in the frequency range of 1,8-30 MHz! And we don't have these spectrum allocations for free, as we must pay for its use. The difference is we are a non-commercial service.

We know we are not alone, since many governments make use of HF frequencies because of, if you forget about satellites in EHF and SHF bands there aren't frequencies out of this range allowing far-from-horizon communications, as VHF and UHF are line-of-sight communications, allowing not more than 100 km in 100% reliable circuits.

Another thing that fears us is the fact that the USA's FCC has stopped PLC implementation in the USA until HF interference is solved. How can we face the situation in the EU with that precedent?

We ham radio amateurs have to live with very low signal levels, so any interference, the lower it could be, would destroy non-local communications, as demonstrated by many in Germany, where hams tested the initial PLC implementation interferences, just to find the PLC noise being at levels making the non-local communications impossible.

These are the thoughts of an EU individual about PLC, and the first checks make me see PLC as a threat.

Regards,

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