

Peru

Report on EMF Activities

10th International Advisory Committee on EMF

June 2005

I. SETTING POLICIES

1. Environmental Quality Standards (ECAs) For Non-Ionizing Radiations. February 2, 2005

These standards were established by the Peruvian National Board for the Environment (CONAM), they consider the general public limits from ICNIRP Guidelines in the frequency range from 0 Hz to 300 GHz. They are in accordance with the Peruvian Code of Environment and National Resources.

These Environmental Quality Standards for Non-Ionizing Radiations are instruments for environmental management for preventing and planning the contamination control by non-ionizing radiations over the base of a strategy addressing to protect health, to improve the country competitive and to promote the sustainable development.

These limits are not mandatory for telecommunication service providers, electricity companies or other kind of NIR producers, they are the basics for the development of sectorial limits for non-ionizing radiation emissions such as telecommunications emission limits, electricity emission limits and so on.

2. Maximum Permissible Limits For Non-Ionizing Radiations In Telecommunications. July 7, 2003

These limits have the aim of establishing the maximum permissible limits (MPS) for non-ionizing radiations (NIR) emissions from radio stations, their monitoring, control and the rest of regulations for the purpose of the limits compliance. They are based on ICNIRP Guidelines.

These limits are compulsory in all the Peruvian territory o for the State and the natural persons and corporate body, national and foreigners that carries out telecommunication activities (installation, operation, import, manufacture, distribution, marketing and equipment sale of telecommunications) using radio electric spectrum and whose electromagnetic field (EMF) emission from their telecommunications equipment being among the frequencies of 9 kHz to 300 GHz.

These telecommunications MPL have been supplemented by a number of specific technical norms.

3. Technical Norm- Guidelines for Developing Theoretical Non-Ionizing Radiations Studies. August 18, 2004

This norm is to provide guidelines for the development of theoretical non-ionizing radiation studies, in order to predict the values that are produced by radio stations to ensure the compliance with the maximum permissible limits of non-ionizing radiations.

The present norm is of compulsory fulfilment by the State and the natural persons and corporate body, national and foreigners that install radio electric stations among the frequencies of 9 KHz to 300 GHz o that carry out technical features changes about location and/o potency increase.

4. Directive for the Register Entitlement for Authorized People for the Execution of Theoretical Studies and Non-Ionizing Radiations Measurements in Telecommunications. August 30, 2004

This directive is to establish the requirements and the inscription procedure in the Register of entitled people to carry out theoretical studies and Non-ionizing radiations measurements in Telecommunications, to be in charge of the General Management Direction of Telecommunications of the Ministry of Transport and Communications.

5. Technical Norm About Radio Electric Restrictions in Public Use.

February 28, 2005

This norm has the aim of establishing restrictions in the electric field strength levels and power density for the radio electric stations operation of the telecommunications services in public use areas. This norm establish the restrictions levels in half of the ICNIRP Limits for Public exposure

**6. Supervision and Control Procedure of Maximum Permissible Limits for Non-Ionizing Radiations.
August 26, 2004**

This norm is to establish the procedure to be applied by the Ministry of Transport and Communications for the execution of the supervision functions and control in the compliance of the supreme decree N° 038-2003-MTC and complementary norms.

**7. Protocols for Non-Ionizing Radiations Measurement.
August 19, 2004**

This norm is to establish the Protocols of Non-ionizing Radiations Measurement for the purpose of getting a correct quantification of the individual emission values and multiple emissions, as result of the telecommunications services operation that use radio electric spectrum.

**8. Ordinance That Regulates the Installation and Functioning of Radio electrical Base Stations.
June 27, 2004**

This ordinance is to establish the requirements for getting the authorization for the installation of base stations (BS) in the district of Santiago de Surco- Lima.

This ordinance establishes guidelines for the sitting and installation of base stations for mobile communications according to town planning criteria (minimum distances between base stations from the same o different service providers), reduction of visual impact (i.e. camouflaging techniques, respect of architectural style, respect of monuments and tourist centers), taking into account extra weight in building structures and the compliance of non ionizing radiation limits according to the Ministry of Transports and Communications (ICNIRP guidelines). It is necessary for the operator to provide an environmental assessment considering all the recommendations mentioned above.

II. DEALING WITH PUBLIC CONCERN

For dealing with public concern
We have used written information like this:

The book “La Telefonía Móvil y su Salud” This is a mini book in Spanish that gives a clarification on mobile telephony technology, health effects, the research it has been done and the role of national and international authorities.

We also have organized meetings in 2001, 2003 with the participation of WHO experts in order to clarify this subject.

The last one we did was in January 2005 in a joint venture with the Peruvian Society for Radiological Protection.

In 2003 the Ministry of Transports and Communications has implemented a series of discussions with local authorities in order to clarify and coordinate points of view.

III. INFORMATION TOOLS

Through the web sites of:

Peruvian National Institute for Research and Training in Telecommunications (INICTEL),
<http://www.inictel.gob.pe/dit/rni/index.htm>

Ministry of Transports and Communications
<http://www.mtc.gob.pe/portal/comunicacion/control/normaslegales/normaslegales.htm>

Supervisory Body for the Private Investment in Telecommunications (OSIPTEL)
<http://www.osiptel.gob.pe/Index.ASP?T=T&P=GCC%5CSOBRE%5FOSIPTEL%5CTelefon%EDaMovil%2Dy%2Dsalud%2Ehtm>