



Commission for
Communications Regulation

Information note & site nomination form

Audit of Compliance with emission limits for non-ionising radiation

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An Coimisiún um Rialáil Cumarsáide

Commission for Communications Regulation

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1 Background

The Commission for Communications Regulation (ComReg) was established under the Communications Regulation Act, 2002 and is the National Regulatory Authority for the electronic communications and postal sectors in Ireland. ComReg is independent in the exercise of its functions. ComReg commenced operation on the 1st of December 2002, replacing the Office of the Director of Telecommunications Regulation (ODTR).

ComReg has responsibility under the 2002 Act for, amongst other things, the issue of licences for wireless telegraphy, electronic communications services and infrastructure. A standard provision has been included, where appropriate, in such licences which obliges the licensee to ensure that non-ionising radiation levels from radio installations are within the limits specified by the guidelines published by the International Commission on Non-Ionising Radiation Protection (ICNIRP (1998)).

In co-operation with the Department of Communications, Marine and Natural Resources, and the Department of the Environment and Local Government, ComReg has agreed to put a programme in place to measure Non Ionising Radiation levels at up to 400 antenna sites around the country. The programme involves measurement of emission levels at the point of highest emission associated with antenna sites. This programme is to be fully operated and funded by ComReg.

The Commission intends to commence the survey in June 2003. The project will be of one year duration; a final report will issue in June/July 2004. Three interim reports will also be produced and a report for each site measured will be made available.

1.1 Criteria for choosing sites

ComReg believes that it is important that a balanced geographic distribution of sites measured is achieved. It recognises, however, that the selection of sites cannot be determined solely by technical criteria but must also take account of the public policy objective which the monitoring programme is intended to address. Of the 400 sites for measurement, approximately 350 will be selected directly by ComReg and approximately 50 will be held in reserve for nomination by the Minister for Communications, Marine and Natural Resources.

ComReg has placed adverts in the public press inviting the public to nominate particular antenna sites where monitoring should be undertaken. It is important, however, that there is a balanced geographic distribution in the selection of the sites where non ionising emissions are monitored. ComReg intends, therefore, in choosing antenna sites to be measured, to base the sample on geographic distribution and taking nominations from the public into account. Annex 1 details the approach that will be used by ComReg to determine a balanced geographic distribution of locations.

An interested party whom so wishes to have a measurement carried out in relation to a particular antenna site may nominate the site in question using the nomination form appended. ComReg will, subject to achieving a balanced geographic distribution of sites, conduct measurements to determine the point of highest emission level associated with the nominated site. The result will be incorporated into an interim and final report, which will be made publicly available. There will be no charge for such measurements.

Interested parties may also request that measurements be carried out at particular locations which may not necessarily be at the point of highest non-ionising radiation emissions associated with a particular antenna site using the nomination form mentioned above. ComReg will, subject to achieving a balanced geographic distribution of sites, and subject to payment of a fee of €735 by the person making the request, conduct measurements at the nominated location. The result of the measurement will be included in an interim and final

report, which will be made publicly available and will be communicated directly to the person whom made the request. It should be noted that, in addition to the measurement at the specific location nominated, a measurement will also be taken at the point of highest emission from the antenna site in question. Payment for such additional measurements may be made by credit/debit card by providing the relevant details on the site nomination form or by crossed cheque made payable to the Commission for Communications Regulation.

Annex 1

General parameters concerning site distribution

Based on statistical data it is expected that the number of sites to be measured can be calculated and arranged as in the following table. The actual number of sites measured in any particular administrative area will be based on requests from the public subject to a fair and reasonable geographic representation as determined by ComReg.

Topic	Number
Number of sites	400
Number of sites to be selected on the basis of fair and reasonable geographic representation	350
Number of sites to be held for nominating by ministerial choice	50

County/Administrative area	Total number of sites for the county/area
Leinster	
Carlow	5
Dublin City Borough	40
Dun Laoghaire/Rathdown	19
Fingal	16
South County Dublin	21
Kildare	13
Kilkenny	7
Laois	5
Longford	5
Louth	9
Meath	10
Offaly	6
Westmeath	6
Wexford	10
Wicklow	10
Total for Leinster	182

Munster	
Clare	9
Cork City Borough	12
Cork County	29
Kerry	12
Limerick City Borough	5
Limerick County	11
Tipperary North Riding	5
Tipperary South Riding	7
Waterford City Borough	5
Waterford County	5
Total For Munster	100

Connaught	
Galway City Borough	5
Galway County	13
Leitrim	5
Mayo	11
Roscommon	5
Sligo	5
Total for Connaught	44

Ulster	
Cavan	5
Donegal	12
Monaghan	5
Total for Ulster	22

Annex 2



Site Nomination Form¹

Personal Details:

Name: _____

Address: _____

Phone: _____

Site Details (note: the onus is on the nominee to describe in sufficient detail the location of the site to be measured):

Number of sites being nominated²:

Site Property Owner (if known):

Address of Site Property Owner (if known):

Phone (if known):

Site address:

Town:

Townland (if required):

County:

¹ Nomination forms must be submitted not later than **5pm on 06th June, 2003**.

² If more than one site is being nominated, please duplicate nomination form pages and complete in respect of each site nomination.

In order to assist ComReg in locating the site, information on the geographical co-ordinates would be useful -

Site Geographical co-ordinates (if known):

Longitude	<input type="text"/>	<input type="text"/>	W	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Latitude	<input type="text"/>	<input type="text"/>	N	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Northing	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Easting	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
NGR	<input type="text"/>	<input type="text"/>					
Location	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Alternatively, an Ordnance Survey map with the site clearly marked and referenced may be appended to site nomination forms.

Additional Details (for example, include, if required, any specific location³, in addition to the point of highest non-ionising radiation emissions, where non-ionising radiation measurements should be taken)

³ It should be noted that, if it is required that a measurement be taken at a specific location, the cost incurred for this additional measurement is €750. It should be noted also that measurements will be taken at the point of highest emission at the site in question and also the measurement at the specific point as requested in the nomination form.

If you require a site measurement to be carried out in addition to the measurement made at the point of highest non-ionising radiation emissions, please outline the method of payment for this service

<ul style="list-style-type: none">• Cheque	Cheques should be crossed and made payable to The Commission for Communications Regulation
<ul style="list-style-type: none">• Credit Card	• Visa • Access/ Mastercard • Laser •

Card No:



Cardholder's Name: _____

Cardholder's Address: _____

Expiry Date: ____ / ____

Signature: _____

The Completed Nomination form should be submitted to:

**Claire Nolan,
Comreg,
Abbey Court,
Irish Life Centre,
Lower Abbey Street,
Dublin 1.**