



Radio Frequency Safety

The Maine State Radio Communications Network (MSCommNet) is the State of Maine public safety radio upgrade project under the auspices of the Office of Information Technology, scheduled for completion in the Fall of 2012.

The MSCommNet radio project office follows federal guidelines and rules, and other published standards in the engineering of the MSCommNet system.

Radio frequency safety guidelines and rules are published by the Federal Communications Commission (FCC) Office of Engineering & Technology (OET).

Regarding potential biological effects and hazards from radio sites, MSCommNet follows the FCC/OET guidance OET#56 and OET#65.



- OET#56.** Questions and Answers about Biological Effects and Potential Hazards of Radiofrequency Electromagnetic Fields
- OET#65.** Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields

OET Bulletin Number 56 (Fourth Edition August 1999)

Questions and Answers about Biological Effects and Potential Hazards of Radiofrequency Electromagnetic Fields

- This is an informative bulletin written as a result of increasing interest and concern of the public with respect to this issue. The expanding use of radiofrequency technology has resulted in speculation concerning the alleged "electromagnetic pollution" of the environment and the potential dangers of exposure to non-ionizing radiation. This publication is designed to provide factual information to the public by answering some of the most commonly asked questions. It includes the latest information on FCC guidelines for human exposure to RF energy.

- <http://www.fcc.gov/oet/info/documents/bulletins/Welcome.html#56>

OET Bulletin No. 65 (August 1997)

Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields

- This revised OET Bulletin 65 has been prepared to provide assistance in determining whether proposed or existing transmitting facilities, operations or devices comply with limits for human exposure to radiofrequency (RF) fields adopted by the Federal Communications Commission (FCC). The bulletin offers guidelines and suggestions for evaluating compliance. However, it is not intended to establish mandatory procedures, and other methods and procedures may be acceptable if based on sound engineering practice.

- <http://www.fcc.gov/oet/info/documents/bulletins/Welcome.html#65>