

**Lesson 15:** Are mobile phones bad for your health?

**PRESS RELEASE FROM THE MOBILE PHONE COMPANY**

'The Mobile Phone Company' is issuing this statement to dispel any fears the public may have in our mobile phones.

Our own team of scientists have done extensive research into the levels of radiation emitted by both our handsets and our mobile telecommunications masts, and the effect of that radiation on people. All of the levels measured were well below those stated in the international guidelines that govern the levels that are emitted.

Our phones conform to the regulations that govern Specific Absorption Rates (S.A.R.) for mobile handsets. The SAR of the phone indicates the amount of radio-frequency energy absorbed into human tissue when the handset is operating at its highest level of power. Phones in the E.U. are allowed a maximum S.A.R. of 2. This represents a level of absorption of 2 Watts of power per kilogram of tissue. All of our handsets fall well within these limits.

The Radio Masts we use as part of our network also fall well within the international guidelines for exposure to Radio-frequency radiation.

Nationwide it was found that all masts were emitting at least 700 times\* less radiation than is currently recommended, with some masts emitting much less than this.

At 'The Mobile Phone Company' we are continuing to work on furthering our knowledge of the possible effects of radio-frequency emissions on people so that we can continue to offer a convenient and safe service to our customers.

**Sir Cecil Forthright**  
(CEO 'The Mobile Phone Company')



*One of 'The Mobile Phone Company's masts, near Sometown, Wessex.*

\* Figures from Department of Trade and Industry.