

**Stakeholder Round Table
London, 9th December
John W Stather, NRPB**

Mobile Phones and Health 2004

**Statement from Board of NRPB
Chairman Sir William Stewart**

**Publication: Documents of NRPB
(Early 2005)**

Independent Expert Group on Mobile Phones (IEGMP)

Chairman Sir William Stewart FRS FRSE.

Terms of Reference:

"To consider present concerns about the possible health effects from the use of mobile phones, base stations and transmitters, to conduct a rigorous assessment of existing research and to give advice based on the present state of knowledge.

To make recommendations on further work that should be carried out to improve the basis for sound advice".

(September 1999 - May 2000)

Stewart Report Published May 11th 2000



www.iegmp.org.uk

Stewart Report

Main conclusions on exposure guidelines

“The balance of evidence to date suggests that exposures to RF radiation below NRPB and ICNIRP guidelines do not cause adverse health effects to the general population” (para 1.17)

“There is now scientific evidence, however, which suggests that there may be biological effects occurring at exposures below these guidelines (para 1.18)

Stewart Report

Main conclusions on exposure guidelines

We conclude therefore that it is not possible at present to say that exposure to RF radiation, even at levels below national guidelines, is totally without potential adverse health effects, and that the gaps in knowledge are sufficient to justify a precautionary approach (para 1.19)

We recommended that a precautionary approach to the use of mobile phone technologies be adopted until much more detailed and scientifically robust information on any health effects becomes available (para 1.20)

Stewart Report

Conclusion on exposures from base stations

“ We conclude that the balance of evidence indicates that there is no general risk to the health of people living near to base stations on the basis that exposures are expected to be small fractions of guidelines. However, there can be indirect adverse effects on their well-being in some cases.” (para 1.33)

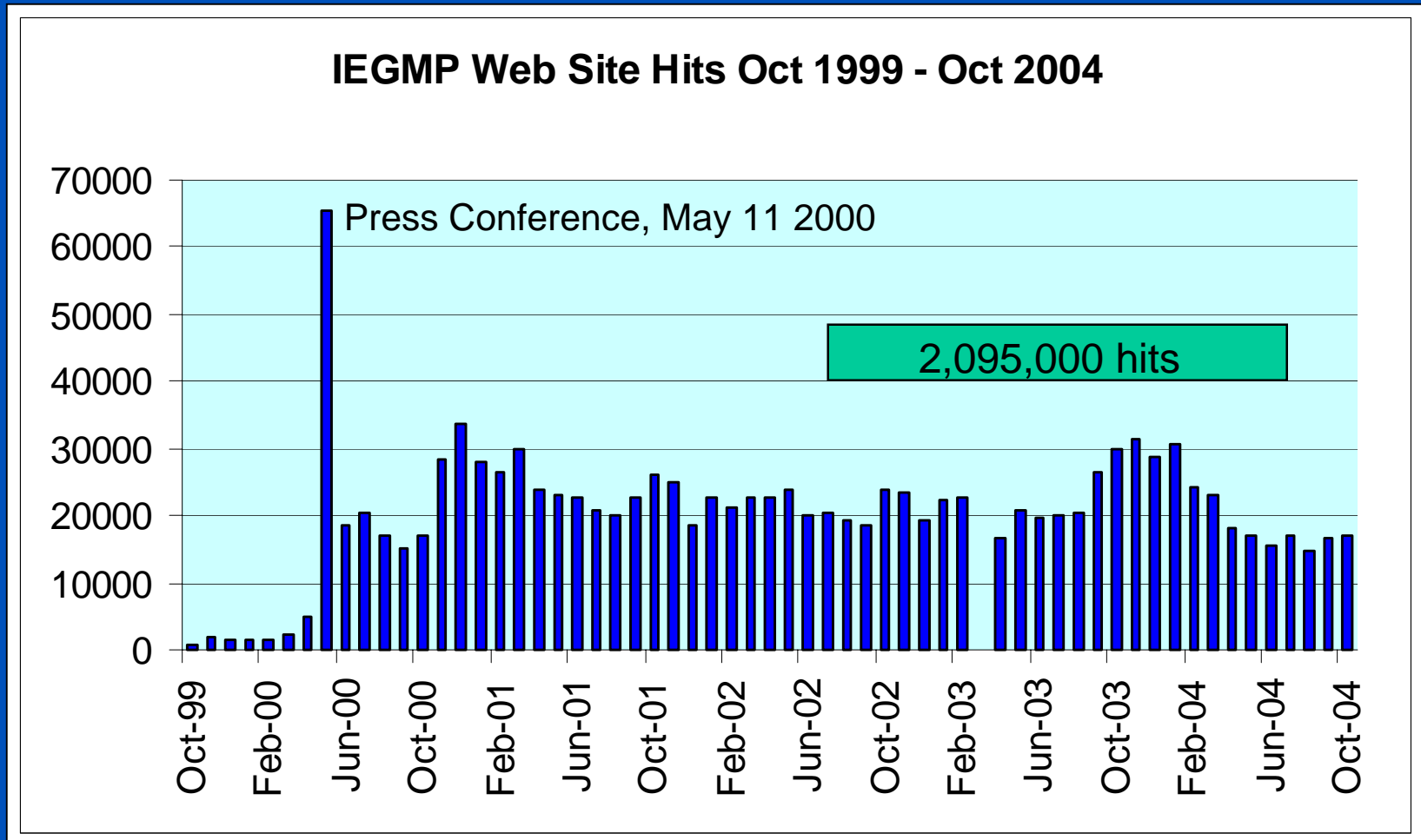
Stewart Report Recommendations

5 areas covered:

- advice to Government
- advice to industry
- research requirements
- the need for better public information and consumer choice
- the role of NRPB

34 Recommendations

IEGMP Web Site Hits to October 2004



<http://www.iegmp.org.uk>

Working in Partnership with the Health Protection Agency

Possible Health Effects from Terrestrial Trunked Radio (TETRA)

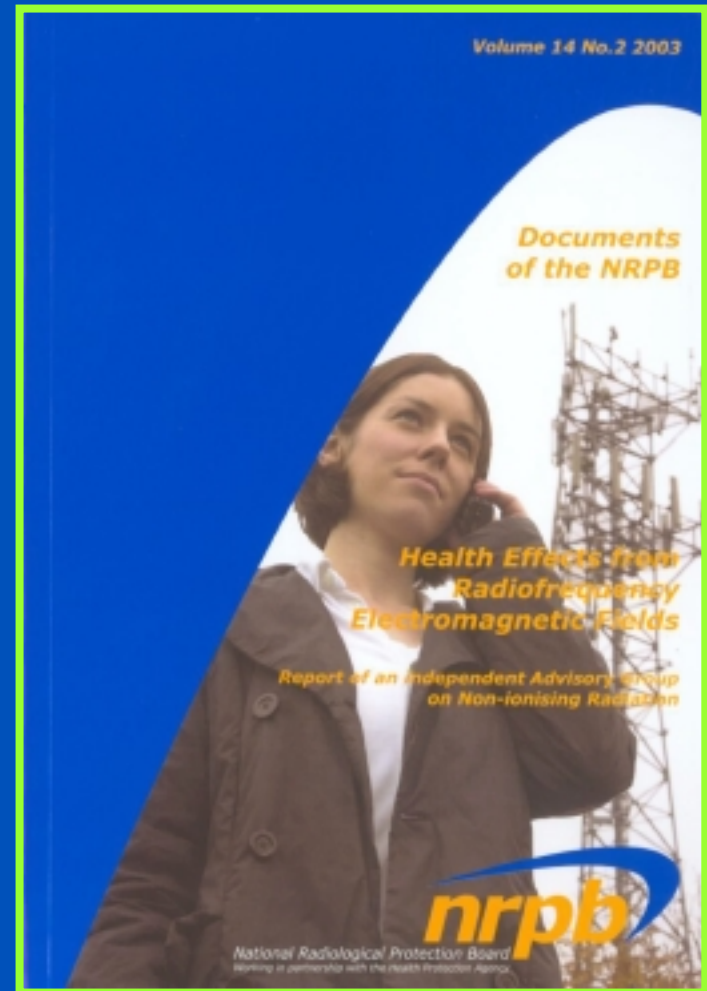


Documents of NRPB Vol 12 No 2 2001

Working in Partnership with the Health Protection Agency

Health Effects from Radiofrequency Electromagnetic fields Docs NRPB 14 (2) 2003

- Sources & Exposure
- Cellular and animal studies
- Brain activity/function
- Non-cancer epidemiology
- Cancer epidemiology
- Conclusions
- Research recommendations



Health Effects from Radiofrequency Electromagnetic Fields

Conclusions

- Research published since the Stewart Report does not give cause for concern.
- No evidence of health effects at exposures below guidelines.
- Published research has limitations because of short period of use.
- Continued research needed

Reviews on Mobile Phones etc from Other Organisations

- Holland, HCN 2000, 2001, 2002, 2004a,b
- UK, BMA 2001, 2004; IEE 2004; MHRA 2004
- Canada, 2001
- EC, CSTE 2001
- US, GAO 2001; NCRP 2003
- France, Zmirou 2001; Senate 2002
- Sweden, SSI 2002, 2003
- WHO, 2004
- Others

Mobile Phones and Health 2004

Background to report

- Developments in mobile phone technology
- AGNIR and other reports published since 2000
- Outstanding issues remain

Mobile Phones and Health 2004

Report to cover response to the recommendations in the Stewart Report and outstanding issues, including:

- Exposure guidelines
- Exposures from base stations and phones
- Planning
- Occupational exposure
- Driving
- Communications
- Research

Publication in Documents of NRPB early in 2005