



**OLYMPIC GAMES:
EFFECTIVE MANAGEMENT OF RADIO COMMUNICATIONS**



5. Olympic Games: Effective Management of Radio Communications

During the 2004 Olympic Games, EETT will execute significant tasks, particularly critical for the success of the Olympic Games.

Having as a primary goal the smooth and unimpeded operation of radio communications, EETT planned and implemented a total of actions that includes all sectors under EETT's responsibility, presented in detail in the following Sections.

5.1. Assignment of 2G Mobile Communications Spectrum

In 2003, EETT proceeded to the temporary spectrum assignment of 2G Mobile Communications to mobile telecommunications providers who expressed interest, in order to face their increased network coverage needs, in the area of Attica during the Olympic Games.

To this end, EETT carried out a Public Consultation, where the mobile telecommunications providers were invited to express their opinions concerning:

- The procedure that should be implemented for the temporary assignment.
- The spectrum bandwidth that could be assigned to each provider.
- The duration of the temporary assignment.
- The geographical area, where the use of spectrum could take place.
- The usage fee, which they would have to pay.

Taking the Consultation's results into consideration, EETT proceeded to the adoption of the following procedure for the temporary spectrum assignment.

Given that the available spectrum for the provision of 2G mobile services was 2x20 MHz in the spectrum area of DCS 1800, EETT divided the spectrum into four parts of 2x5 MHz, in order to proceed to the temporary assignment of one part to each mobile telecommunications provider, provided it was requested. The spectrum would be assigned for the time period from 1st June 2004 – 30th September 2004 and could be used only in the area of Attica. The spectrum usage fees, which the undertakings would pay for one part of spectrum DCS 1800 2x5 MHz, would amount to 344,000 euros.

Following the above, interest was expressed and the providers COSMOTE S.A., VODAFONE and STET HELLAS S.A. were assigned spectrum. In the beginning of 2004, the sealed tenders' auction for the assignment of the remaining part, is expected to take place.

5.2. Frequency Assignment

The increased demands for frequency assignment, which, as already mentioned, are expected to arise during the Olympic Games, mainly result from the following:

- A particularly important part of the infrastructure used, consists of systems for the wireless transmission of data, voice and image, due to the flexibility, ease and deployment speed characterising them.
- The users of the aforementioned systems will be many and diverse. We indicatively mention television/radio organisations and stations crews, Olympic Games security teams, the ATHENS 2004 Olympic Games Organising Committee (ATHOC), security bodies that will accompany foreign officials and dignitaries, emergency services.