

In addition to being used for Canal's communications, the network provides emergency communication services throughout the region

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## Canal de Isabel II assigns more than 4 million to its telecommunications network in the Community of Madrid

- Emergency services including 112, the Fire Brigade and SUMMA use the company's Tetra network for their communications

**28OCT18** – The public company Canal de Isabel II has allocated 4,362,327 Euros to the maintenance of Canal's telecommunications and Tetra network, for four years. This telecommunications network is the nucleus through which all the Canal information is exchanged, in both voice and data form. In addition, communication services are provided to all the emergency services of the Community of Madrid through Tetra.

On the one hand, it has been awarded the maintenance of the telecommunications network which connects 437 offices of Canal de Isabel II and provides them with voice, computer interconnection, remote control and security services; this contract also refers to the interconnection of the Tetra base stations.

On the other hand, it includes the specific maintenance of the Tetra network, which offers support to the security, emergency and rescue services of the Community of Madrid (fire brigade, BESCAM, forest rangers, SUMMA, 112 and forces from the Harsh Winter Weather Plan). The Tetra network currently has 112 base stations and 5053 terminals.

### **TETRA NETWORK: TELECOMMUNICATIONS FOR CANAL AND FOR THE COMMUNITY OF MADRID**

Canal de Isabel II has a modern system which connects all its locations in the Community of Madrid (the reservoirs, water purification plants, tanks, etc.) and which allows them to operate and control the whole hydraulic system.

Given this excellent system, it was established that the Community of Madrid emergency services would use Canal's communications network to benefit from the broad and optimum geographical location of the communication sites for the installation of a mobile telephony system.

The mobile telephony digital network is independent from that of other users and operators and is designed to provide service in the event of any critical situation, permitting greater and better coordination between the emergency services of the Community of Madrid because it is a safer, better quality system, with better performance than the existing system and which provides continuity in communications.

Canal de Isabel II was founded more than 165 years ago to supply water to the city of Madrid. It employs more than 2500 people working daily to provide a service to more than 6 million people in the region. It is an innovative company, a leader in its sector, and internationally recognised for its management of the integrated water cycle. It operates 13 reservoirs; 78 underground springs; 14 drinking water treatment plants; 17,556 kilometres of conveyance and distribution channels; 131 pumping stations for drinking water and 133 for waste water; 14,956 kilometres of sewage networks; 65 storm tanks; 877 kilometres of sewers and outfalls; 157 waste water treatment stations; and 588 kilometres of reclaimed water channels.

Press release