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## **Allgon launch UMTS Repeaters**

Allgon Systems, the worldwide supplier of radio-based infrastructure solutions for cellular communications, has developed a repeaters program for UMTS. The repeater is a complement to base stations when implementing 3<sup>rd</sup> generations cellular networks. Allgon plans to start deliveries during Q2 2001.

Network operators are forced to offer coverage and capacity under strict time limitations when implementing 3<sup>rd</sup> generations cellular networks. The Allgon UMTS repeater complements the base station in the initial rollout phase by extending coverage in the macro-cells and eliminate radio shadow in obstructive environments for example in road tunnels and shopping malls. The repeater also provides enhanced traffic capacity by reducing the radio interferance.

-We believe that the repeater program, that includes standard, high power and compact versions, provides cost-efficient coverage solutions in the UMTS system and we've experienced successful field trials in co-operation with key customers, says Lars Jehrlander, President of Allgon Systems.

Allgon has actively been participating in the standardization committee, 3<sup>rd</sup> Generation Partnership Program (3GPP) and the repeater range has been developed according to the 3GPP conformance specifications. The global standard of UMTS repeaters enables the co-existence for repeaters and base stations.

- The standard itself creates flexibility in the planning, rollout and enhancement of the 3G networks, says Martin Nilsson, responsible for Allgon's 3G standardization activities.

## For further information, please contact:

Crister Fritzson Phone: +46 8 540 827 75 Vice President Sales & Marketing, Allgon Systems Crister.fritzson@allgon.se

Lars Jehrlander Phone: +46 8 540 822 00 President, Allgon Systems lars.jehrlander@allgon.se

Allgon's business concept is to develop, manufacture and market radio-based solutions and other products for wireless telephony and data communications. Allgon's product range consists of antenna systems for infrastructure in mobile telephone networks; filters, combiners and similar products for base stations; repeater networks; microwave equipment; mobile telephone antennas; wireless local networks and Bluetooth products. Allgon's invoiced sales amounted to SEK 2,696 million in 2000. The number of employees at the end of 2000 amounted to 1335. Allgon was founded in 1946.