

MILLICOM INTERNATIONAL CELLULAR S.A.

FOR IMMEDIATE RELEASE

December 19, 2003

Millicom rolls out GSM networks in Latin America

New York, London and Luxembourg – December 19, 2003 – Millicom International Cellular S.A. ("Millicom") (Nasdaq: MICC) today announces that it has selected a supplier to overlay its existing TDMA networks in Guatemala (Comcel) and Paraguay (Telecel) with GSM 800 networks. According to the deal signed on December 15, 2003, the nationwide networks will become operational during the second quarter of 2004.

Marc Beuls, President and Chief Executive Officer of Millicom International Cellular commented: "This move is part of our ongoing strategy to roll-out GSM services across our operations, in order to create further product and procurement synergies. The roll-out of GSM in Latin America will enable us to accelerate growth as a result of the lower cost and increased functionality of GSM technology."

This press release may contain certain "forward-looking statements" with respect to Millicom's expectations and plans, strategy, management's objectives, future performance, costs, revenues, earnings and other trend information. It is important to note that Millicom's actual results in the future could differ materially from those anticipated in forward-looking statements depending on various important factors. Please refer to the documents that Millicom has filed with the U.S. Securities and Exchange Commission under the U.S. Securities Exchange Act of 1934, as amended, including Millicom's most recent annual report on Form 20-F, for a discussion of certain of these factors.

All forward-looking statements in this press release are based on information available to Millicom on the date hereof. All written or oral forward-looking statements attributable to Millicom International Cellular S.A., any Millicom International Cellular S.A members or persons acting on Millicom's behalf are expressly qualified in their entirety by the factors referred to above. Millicom does not intend to update these forward-looking statements.

Millicom International Cellular S.A. is a global telecommunications investor with cellular operations in Asia, Latin America and Africa. It currently has a total of 16 cellular operations and licenses in 15 countries. The Group's cellular operations have a combined population under license of approximately 382 million people. In addition, MIC provides high-speed wireless data services in five countries.

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