

UNITED STATESSECURITIES AND EXCHANGE COMMISSIONWashington, D.C. 20549 FORM 6-KREPORT OF FOREIGN PRIVATEISSUERPURSUANT TO RULE 13a-16OR 15d-16 OF THE SECURITIES EXCHANGE ACTOF 1934 For the month of January, 2025. Commission File Number: 001-38763 MILlicom INTERNATIONAL CELLULAR S.A.(Exact Name of Registrant as Specified in ItsCharter) 148-150, Boulevard de la Paix, 2330 LuxembourgGrand Duchy of Luxembourg(Address of principal executive office) Indicate by check mark whether the registrant filesor will file annual reports under cover of Form 20-F or Form 40-F: Form 20-F x Form 40-F Item 1.Press release dated January 15, 2025. Item 1A. Notification of transaction by Directorsof Millicom (Tigo) Luxembourg, January15, 2025 â€“ Millicom International Cellular S.A. ("Millicom" or the â€œCompanyâ€)announces that, on January 11, 2025, three directors of Millicom acquired shares of Atlas Investissement (â€Atlasâ€), a majorindirect shareholder of the Company, pursuant to a free share plan dated January 11, 2024, as follows: -Maxime Lombardini, Chair of the Board of Directors of Millicom, acquired 11 Atlasshares -Jules Niel, Director of Millicom, acquired 2 Atlas shares -Pierre-Emmanuel Durand, Director of Millicom, acquired 11 Atlas shares Detailsof the transaction are recorded on the personal trading section of Millicomâ€™s website. For further information, please contact: Press: SofÃa Corral, Director Corporate Communications press@millicom.com Investors: Michel Morin, VP Investor Relations investors@millicom.com About Millicom Millicom (NASDAQ U.S.: TIGO,Nasdaq Stockholm: TIGO_SDB) is a leading provider of fixed and mobile telecommunications services in Latin America. Through ourTIGO® and Tigo Business® brands, we provide a wide range of digital services and products, includingTIGO Money for mobile financial services, TIGO Sports for local entertainment, TIGO ONEtv for pay TV, high-speed data, voice, andbusiness-to-business solutions such as cloud and security. As of September 30, 2024, Millicom, including its Honduras Joint Venture,employed approximately 15,000 people, and provided mobile and fiber-cable services through its digital highways to more than 46million customers, with a fiber-cable footprint over 14 million homes passed. Founded in 1990, Millicom International Cellular S.A.is headquartered in Luxembourg. SIGNATURES Pursuant to the requirements of the SecuritiesExchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. MILlicom INTERNATIONAL CELLULAR S.A. (Registrant) By: /s/ Salvador EscalÃ³n Name: Salvador EscalÃ³n Title: Executive Vice President, Chief Legal and Compliance Officer Date: January 15, 2025