UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934

For the Month of December 2023

Commission File Number 001-40504

Tremor International Ltd.

(Translation of registrant's name into English)

82 Yigal Alon Street, Tel Aviv 6789124, Israel

(Address of principal executive office)

| Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F. |
|---|
| Form 20-F ⊠ Form 40-F □ |
| Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): □ |
| Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): □ |
| |

Explanatory Note

On December 21, 2023, the Company issued an announcement titled "Share buyback-transaction in own shares" pursuant to the AIM Market Rules, a copy of which is attached as Exhibit 99.1 to this Form 6-K.

The information in this report of foreign private issuer on Form 6-K is hereby incorporated by reference into the Company's registration statement on Form S-8 (Registration No. 333-258731), to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

Exhibit 99.1 Company announcement dated December 21, 2023, "Share buyback-transaction in own shares".

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Tremor International Ltd.

By: /S/ Sagi Niri Name: Sagi Niri

Title: Chief Financial Officer

Date: December 26, 2023

Exhibit List

Exhibit 99.1 Company announcement dated December 21, 2023, "Share buyback-transaction in own shares".

21 December 2023

Tremor International Ltd ("Tremor" or the "Company")

Share buyback-transaction in own shares

Tremor International Ltd. (AIM/NASDAQ: TRMR) ("Tremor" or the "Company"), a global leader in Video, Data and Connected TV ("CTV") advertising offering an end-to-end technology platform that enables advertisers to optimize their campaigns and media partners to maximize yield on their digital advertising inventory, announces that on 20 December 2023 it bought-back 150,541 ordinary shares of NISO.01 each in the capital of the Company ("Ordinary Shares") in the AIM market at an average price of 199.28 pence per Ordinary Share. The Ordinary Shares were acquired through Cavendish Capital Markets Limited. pursuant to the Company's Buyback Programme on the AIM market as announced on 18 December 2023 and will be reclassified as dormant shares under the Israeli Companies Law (without any rights attached thereon) and will be held in treasury.

Total Voting Rights

For the purposes of the Financial Conduct Authority's Disclosure and Transparency Rules, Tremor notifies the market that as at the date of this announcement, the Company's issued share capital consists of 193,764,245 ordinary shares with a nominal value of NIS0.01 each ("Ordinary Shares"), along with 48,456,723 shares reclassified as dormant shares under the Israeli Companies Law (without any rights attached thereon), the Company holds these dormant shares in Treasury. Therefore, the total number of shares with voting rights is 145,307,522.

The above figure of 145,307,522 Ordinary Shares may be used by shareholders in the Company as the denominator for the calculations by which they will determine if they are required to notify their interest in, or a change in their interest in, the share capital of the Company under the FCA's Disclosure and Transparency Rules.

For further information please contact:

Tremor International Ltd.

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Vigo Consulting (U.K. Financial PR & Investor Relations)

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Cavendish Capital Markets Limited

Jonny Franklin-Adams / Charlie Beeson / George Dollemore (Corporate Finance) Tim Redfern / Harriet Ward (ECM)

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PR Contact

Caroline Smith VP, Communications, Nexxen csmith@nexxen.com

The information communicated in this announcement contains inside information for the purposes of Article 7 of the Market Abuse Regulation (EU) No. 596/2014. The Company confirms that it is no longer in possession of any unpublished price sensitive information.

About Tremor International

Tremor International, the parent Company of the Nexxen portfolio of advertising technology products and platforms, empowers advertisers, agencies, publishers, and broadcasters around the world to utilize video and Connected TV in the ways that are most meaningful to them. Comprised of a demand-side platform (DSP), supply-side platform (SSP), ad server and data management platform (DMP), Tremor International, through its Nexxen-branded products and platforms, delivers a flexible and unified technology stack with advanced and exclusive data at its core. The Company's robust capabilities span discovery, planning, activation, measurement, and optimization - available individually or in combination - all designed to enable partners to reach their goals, no matter how far-reaching or hyper niche they may be.

Tremor International is headquartered in Israel and maintains offices throughout the United States, Canada, Europe, and Asia-Pacific, and is traded on the London Stock Exchange (AIM: TRMR) and NASDAQ (TRMR).

For more information, visit www.tremorinternational.com and to learn more about the Company's recent rebranding, please visit www.nexxen.com.