

Orckit Communications Ltd.

PROXY

The undersigned hereby appoints Eric Paneth, Chief Executive Officer, Izhak Tamir, President, and Uri Shalom, Chief Financial Officer, and each of them, attorneys, agents and proxies of the undersigned, with full power of substitution to each of them, to represent and to vote on behalf of the undersigned all the Ordinary Shares of Orckit Communications Ltd. (the "Company") which the undersigned is entitled to vote at the 2010 Annual General Meeting of Shareholders (the "Annual Meeting") to be held at the offices of the Company, 126 Yigal Allon Street, Tel Aviv, Israel on Tuesday, May 25, 2010 at 3:00 p.m. (Israel time), and at any adjournments or postponements thereof, upon the following matters, which are more fully described in the Notice of 2010 Annual General Meeting of Shareholders and Proxy Statement relating to the Annual Meeting.

This Proxy, when properly executed, will be voted in the manner directed herein by the undersigned. If no direction is made with respect to any matter, this Proxy will be voted FOR such matter. Any and all proxies heretofore given by the undersigned are hereby revoked.

☒ Please mark your votes as in this example using dark ink only.

1. Election of directors.

Eric Paneth (executive)	<input checked="" type="checkbox"/> FOR	<input type="checkbox"/> AGAINST	<input type="checkbox"/> ABSTAIN
Izhak Tamir (executive)	<input checked="" type="checkbox"/> FOR	<input type="checkbox"/> AGAINST	<input type="checkbox"/> ABSTAIN
Jed M. Arkin (non-executive)	<input checked="" type="checkbox"/> FOR	<input type="checkbox"/> AGAINST	<input type="checkbox"/> ABSTAIN
Moti Motil (non-executive)	<input checked="" type="checkbox"/> FOR	<input type="checkbox"/> AGAINST	<input type="checkbox"/> ABSTAIN

2. Approval of the issuance of 100,000 units to Izhak Tamir and 75,000 units to Eric Paneth.

☐ FOR ☐ AGAINST ☐ ABSTAIN

3. Approval of the amendment to the Memorandum and Articles of Association of the Company.

☐ FOR ☐ AGAINST ☐ ABSTAIN

4. Reappointment of Kesselman & Kesselman as independent auditors.

☐ FOR ☐ AGAINST ☐ ABSTAIN

In their discretion, the proxies are authorized to vote upon such other matters as may properly come before the Annual Meeting or any adjournment or postponement thereof.

The undersigned acknowledges receipt of the Notice of 2010 Annual General Meeting of Shareholders and Proxy Statement of the Company relating to the Annual Meeting.

_____, Date _____, 2010 _____, 2010
SIGNATURE SIGNATURE IF HELD JOINTLY TITLE (if applicable)

Please date, sign exactly as your name appears on this proxy and promptly return in the enclosed envelope. In the case of joint ownership, each owner should sign. Otherwise, the signature of the senior owner who votes shall be accepted to the exclusion of the vote(s) of the other joint owner(s); for this purpose, seniority shall be determined by the order in which the names appear in the shareholders register. When signing as attorney, executor, administrator, trustee or guardian, or in any other similar capacity, please give full title. If a corporation, sign in full corporate name by president or other authorized officer, giving title, and affix corporate seal. If a partnership, sign in partnership name by authorized person.

THE PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS.