

SPIRENT COMMUNICATIONS
Tender Offer Launch – 15 September 2008

The intention to return £50 million to Shareholders, either by way of on-market share repurchases or a tender offer was announced on 5 August 2008 together with Spirent's half-year results for the six months ended 29 June 2008. On Monday 15 September, the Tender Offer was announced and a copy of this announcement can be viewed on this website.

The Tender Offer is the method by which Spirent intends to repurchase its own Ordinary Shares up to a maximum value of £50 million. Shareholders are given the opportunity to tender their Ordinary Shares for cash to UBS which will acquire successfully tendered Ordinary Shares at the Strike Price and then sell them to the Company at the same price.

Shareholders on the Register at 5.00pm on Tuesday 14 October have been invited to tender Ordinary Shares for purchase by UBS on the terms and subject to the conditions set out in the Shareholder Circular and the accompanying Tender Form. Spirent will, in turn, repurchase from UBS at the Strike Price the Ordinary Shares purchased by UBS pursuant to the Tender Offer for cancellation.

The making of the Tender Offer in, or to persons who are citizens or nationals of, or resident in, jurisdictions outside the United Kingdom or custodians, nominees or trustees for citizens, nationals or residents of jurisdictions outside the United Kingdom may be prohibited or affected by the laws of the relevant overseas jurisdiction. Shareholders who are Overseas Shareholders should inform themselves about and observe any applicable legal requirements.

The Tender Offer is not being extended to holders of Spirent American Depositary Receipts ("ADRs") which represent Ordinary Shares. However, holders of ADRs who wish to participate in the Tender Offer may do so by taking the steps set out in Part 6 of the Shareholder Circular.

The Board has determined that no adjustments should be made to any options or rights granted under any of Spirent's Employee Share Incentive Plans. Participants of the Share Incentive Plans are therefore not affected by the Tender Offer.

If you have any questions that are not answered in the Shareholder Circular or believe that you have not received the documentation you should, please telephone the Shareholder Helpline on the numbers set out below. This helpline is available from 8.30am to 5.30pm UK time, Monday to Friday up to and including 14 November 2008.

Shareholder Helpline telephone numbers:

0871 384 2982 (from inside the UK)

+44 121 415 0121 (from outside the UK)