SPIRENT PLC Form 6-K September 27, 2005

VIDACOS NOMINEES

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 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September, 2005 SPIRENT plc (Translation of registrant's name into English) Spirent House, Crawley Business Quarter, Fleming Way, Crawley, West Sussex RH10 9QL, UK. (Address of principal executive offices) 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 X Form 40-F.... Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes No If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-NOTIFICATION OF MAJOR INTERESTS IN SHARES 1. Name of listed company SPIRENT PLC 2. Name of shareholder with a major interest

3. Please state whether notification indicates that regarding the holding of the shareholder named in 2 above; in respect of a non-beneficial interest; or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18
SHAREHOLDER IN 2 ABOVE
4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them
SHAREHOLDER IN 2 ABOVE
5. Number of shares / amount of stock acquired
6. Percentage of issued class (any treasury shares held by the listed company should not be taken into account when calculating percentage)
7. Number of shares / amount of stock disposed
UNKNOWN
8. Percentage of issued class (any treasury shares held by the listed company should not be taken into account when calculating percentage)
UNKNOWN
9. Class of security
ORDINARY SHARES OF 3.3333 PENCE EACH
10. Date of transaction

NOT NOTIFIED

11. Date company informed 27 SEPTEMBER 2005 12. Total holding following this notification 28,301,510 13. Total percentage holding of issued class following this notification (any treasury shares held by the listed company should not be taken into account when calculating percentage) 2.93% 14. Any additional information SHAREHOLDER NO LONGER HAS A REPORTABLE HOLDING IN THE COMPANY. SHAREHOLDER PREVIOUSLY REPORTED THAT IT HAD A HOLDING OF 37,052,198 SHARES (3.84%) IN THE COMPANY ON 02 AUGUST 2005. 15. Name of contact and telephone number for queries LUKE THOMAS - 01293 767658 16. Name and signature of duly authorised company official of the listed company responsible for making this notification LUKE THOMAS - DEPUTY COMPANY SECRETARY Date of notification 27 SEPTEMBER 2005

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.

	LUKE THOMAS
	(Registrant)
Date 27 September 2005	By/s/ Luke Thomas
	(Signature)*