SPIRENT PLC Form 6-K September 29, 2004

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 2004 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 Nο If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

SCHEDULE 10

NOTIFICATION OF MAJOR INTERESTS IN SHARES

1. Name of company

SPIRENT PLC

2. Name of shareholder having a major interest

FIDELITY INTERNATIONAL LIMITED

3. Please state whether notification indicates that it is in respect of holding of the shareholder named in 2 above or 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

COMPANY NAMED IN BOX 2 ABOVE AND ITS DIRECT AND INDIRECT SUBSIDIARIES, BEING NON-BENEFICIAL HOLDERS

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them

CHASE MANHATTAN BANK LONDON TOTAL (FIL)	443,649
DEUTSCHE BANK TOTAL (FIL)	37,476,297
NORTHERN TRUST TOTAL (FIL)	150,300
JP MORGAN TOTAL (FISL)	196,866
TOTAL	38,267,112

FISL = Fidelity Investment Services Limited
FPM = Fidelity Pension Management
FIL = Fidelity International Limited

5. Number of shares / amount of stock acquired

NOT KNOWN

6. Percentage of issued class

NOT KNOWN

- 7. Number of shares / amount of stock disposed
- _
- 8. Percentage of issued class

-
9. Class of security
ORDINARY SHARES OF 3.3333 PENCE EACH
10. Date of transaction
NOT NOTIFIED
11. Date company informed
29 SEPTEMBER 2004
12. Total holding following this notification
38,267,112
13. Total percentage holding of issued class following this notification
4.01%
14. Any additional information
15. Name of contact and telephone number for queries
LUKE THOMAS - 01293 767658
16. Name and signature of authorised company official responsible for making this notification
LUKE THOMAS - DEPUTY COMPANY SECRETARY

Date of notification

29 SEPTEMBER 2004

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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 29 September 2004	By/s/ Luke Thomas
	(Signature)*