SPIRENT PLC Form 6-K December 30, 2002

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 December, 2002

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 X

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

London Stock Exchange

NOTIFICATION OF MAJOR INTERESTS IN SHARES

All relevant boxes should be completed in block capital letters

- 1 Name of company
  - SPIRENT plc
- 2 Name of shareholder having a major interest

FMR Corp. and 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

Companies named in box 2 above and their direct and indirect subsidiaries, being non-beneficial holders.

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

Chase Nominees Ltd (FMRCO) 7,011,700 State Street Nominees Ltd (FMRCO) 1,326,900 State Street Bank & Trust (FMTC) 2,184,900 Chase Manhattan Bank London (FISL) 12,462,979 HSBC (FPM) 619,700 Chase Nominees Ltd (FPM) 7,032,896 Northern Trust (FPM) 2,040,200 Chase Manhattan Bank London (FIL) 1,342,648 Bank of New York Brussels (FIL) 805,100 Northern Trust (FIL) 3,044,100 Chase Nominees Ltd (FIL) 9,979,540 Bank of New York London (FIL) 5,006,000 Nortrust Nominees Ltd (FIL) 3,107,200 State Street Bank & Trust (FIL) 296,400 TOTAL 56,260,263 FMRCO - Fidelity Management & Research Company FMTC - Fidelity Management Trust Company FISL - Fidelity Investment Services Ltd FPM - Fidelity Pension Management FIL - Fidelity International Ltd

5 Number of shares/amount of stock acquired

10,647,000

6 Percentage of Issued Class

1.13 %

Number of shares/amount of stock disposed

N/a

Percentage of Issued
Class

N/a

9 Class of security ORDINARY SHARES OF 3 1/3p EACH Date of transaction 10 Not notified Date company informed 11 30 December 2002 Total holding following this notification 12 56,260,263 Total percentage holding of issued class following this notification 5.99% Any additional information Name of contact and telephone number for queries Michael Anscombe - 01293 767672 Name and signature of authorised company official 16 responsible for making this notification Paul Eardley, Company Secretary, Spirent plc Date of notification 30 December 2002 London Stock Exchange, Company Announcements Office, Old Broad Street, London EC2N 1HP Facsimile: 0207 588 6057, 0207 334 8964/8965/8966 (PLEASE DO NOT POST) Enquries: Continuing Obligations: Telephone: 0207 797 3850/1639/1972/3150 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)
Date30 December 2002	Ву	/s/ Luke Thomas
		(Signature)*