SPIRENT PLC Form 6-K February 21, 2003

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 February, 2003

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

- 1 Name of company
 - SPIRENT plc
- 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
- 4 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)	8,717,800
State Street Nominees Ltd (FMRCO)	428,300
State Street Bank & Trust Company (FMRCO)	16,310,700
State Street Bank & Trust (FMTC)	3,137,900
Chase Manhattan Bank London (FISL)	12,563,179
HSBC (FPM)	619,700
Chase Nominees Ltd (FPM)	7,032,896
Northern Trust (FPM)	2,040,200
Chase Manhattan Bank London (FIL)	1,111,725
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
HSBC Client Holdings Nominee (UK) Ltd (FIL)	10,014,400

- 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 17,797,468
- 6 Percentage of Issued Class
 - 1.89%

Number of shares / amount of stock disposed
N/a

8 Percentage of Issued Class

N/a

9 Class of security

ORDINARY SHARES OF 3 1/3p EACH

10 Date of transaction

Not notified

11 Date company informed

20 February 2003

12 Total holding following this notification

84,215,140

13 Total percentage holding of issued class following this notification

8.93%

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, Spirent plc

Date of notification

21 February 2003

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

Pursuant	to	the	requ	uirement	s of	the	Sec	curi	iti∈	es Exch	ange	. Act	of	193	34,	the
registra	nt 1	nas	duly	caused	this	repo	ort	to	be	signed	on	its	beha	alf	bу	the
undersig	ned,	, th	ereur	nto duly	autl aut	horiz	zed.									

	LUKE THOMAS
	(Registrant)
Date21 February 2003	By/s/ Luke Thomas
	(Signature)*