SPIRENT PLC Form 6-K October 01, 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 October 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 No X

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

BARCLAYS PLC

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

SHAREHOLDER NAMED 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

Registered Holder	Account designation	Holding
BANK OF NEW YORK	214075	3,861,569
BANK OF NEW YORK	221428	524,342
BANK OF NEW YORK	367748	2,596,205
BANK OF NEW YORK	392067	3,952,562
BANK OF NEW YORK	392177	313,638
BARCLAYS CAPITAL NOMINEES LIMI		754,502
BNY (OCS) NOMINEES LTD	221476	252,149
BNY (OCS) NOMINEES LTD	387173	123,795
BOISS NOMINEES LTD	4224361	394,969
CHASE NOMINEES LTD	16376	531,812
CHASE NOMINEES LTD	16649	41,844
CHASE NOMINEES LTD	16669	63,310
CHASE NOMINEES LTD	18243	123,823
CHASE NOMINEES LTD	19518	253,833
CHASE NOMINEES LTD	19519	2,464,292
CHASE NOMINEES LTD	19520	638,744
CHASE NOMINEES LTD	20947	36,769,332
CHASE NOMINEES LTD	21359	1,220,660
CHASE NOMINEES LTD	25772	520,077
CHASE NOMINEES LTD	27793	74,767
CHASE NOMINEES LTD	27795	114,340
CHASE NOMINEES LTD	27797	138,568
CHASE NOMINEES LTD	27799	299,495
CHASE NOMINEES LTD	27800	1,145,581
CHASE NOMINEES LTD	27802	40,008
CHASE NOMINEES LTD	28269	106,605

CHASE NOMINEES LTD	28270	590,971
CHASE NOMINEES LTD	28270	266,132
CHASE NOMINEES LTD	31961	1,347,971
CIBC MELLON GLOBAL SECURITIES		34,666
CITIBANK	6010613363	333,841
CITIBANK	6010640794	252 , 237
CITIBANK	6010782807	275,601
DEUTSCHE (BANKERS TRUST)	501575013	378,406
DEUTSCHE BANK LONDON	8003168	30,331
HSBC	813168	808,840
HSBC	814537	80,198
HSBC	845315	23,453
INVESTORS BANK AND TRUST CO		314,881
INVESTORS BANK AND TRUST CO		841,643
INVESTORS BANK AND TRUST CO		2,914,583
INVESTORS BANK AND TRUST CO		10,802
INVESTORS BANK AND TRUST CO		349,682
INVESTORS BANK AND TRUST CO		111,024
JP MORGAN (BGI CUSTODY)	16331	268,799
JP MORGAN (BGI CUSTODY)	16341	667,949
JP MORGAN (BGI CUSTODY)	16341	1,754,917
JP MORGAN (BGI CUSTODY)	16344	400,264
JP MORGAN (BGI CUSTODY)	16345	742,167
JP MORGAN (BGI CUSTODY)	16400	8,915,859
JP MORGAN (BGI CUSTODY)	16612	154,621
JP MORGAN (BGI CUSTODY)	16621	186,353
JP MORGAN (BGI CUSTODY)	16644	420,978
JP MORGAN (BGI CUSTODY)	16901	127,521
JP MORGAN (BGI CUSTODY)	18409	526 , 737
JP MORGAN (BGI CUSTODY)	19514	128,618
JP MORGAN (BGI CUSTODY)	27795	258,537

JP MORGAN (BGI CUSTODY)	27799	785,257
JP MORGAN (BGI CUSTODY)	28166	3,027,976
JP MORGAN (BGI CUSTODY)	29514	117,527
JPM FRANKFURT	27717	67,625
JP MORGAN CHASE BANK		360,275
JP MORGAN CHASE BANK		381,288
JP MORGAN CHASE BANK		479,984
JP MORGAN CHASE BANK		6,566
JP MORGAN CHASE BANK		188,365
MELLON BANK	ABGFZ872482	745,728
MELLON BANK	TGGF0003002	91,742
MELLON TRUST - BOSTON & SF		128,392
MELLON TRUST OF NEW ENGLAND		193,162
MIDLAND BANK (HSBC BANK PLC)	772823	1,951,762
NORTHERN TRUST	CVS21	987,313
NORTHERN TRUST	LIV02	746,036
NORTHERN TRUST	SC006	303 , 975
NORTHERN TRUST	TNF01	384,795
NORTHERN TRUST	USF06	193,023
NORTHERN TRUST	USF12	1,760,355
NORTHERN TRUST BANK - BGI SEPA		168,498
NORTHERN TRUST BANK - BGI SEPA		41,732
NORTHERN TRUST BANK - BGI SEPA		256,471
R C GREIG NOMINEES LIMITED A/C	BL1	140,823
R C GREIG NOMINEES LIMITED A/C	CM1	32,079
R C GREIG NOMINEES LIMITED GP1	GP1	34,067
R C GREIG NOMINEES LIMITED SA1	SA1	22,152
STATE STREET	2RJ2	127,458
STATE STREET	JD12	447,165
STATE STREET	N3B2	8,621
STATE STREET	N3B6	273 , 550

STATE STREET	N3YZ		10,446
STATE STREET	VE4J		205,686
VIDACOS NOMINEES LIMITED	6010830763		1,800,140
ZEBAN NOMINEES LIMITED			21,700
ZEBAN NOMINEES LIMITED			1,000
		TOTAL	97,332,138

5. Number of shares / amount of stock acquired

_

6. Percentage of issued class

_

7. Number of shares / amount of stock disposed

NOT NOTIFIED

8. Percentage of issued class

NOT NOTIFIED

9. Class of security

ORDINARY SHARES OF 3.3333 PENCE EACH

10. Date of transaction

HOLDING AS AT 28 SEPTEMBER 2004

- 11. Date company informed
- 01 OCTOBER 2004
- 12. Total holding following this notification
- 97,332,138
- 13. Total percentage holding of issued class following this notification

10.20%

14. Any additional information

NOTIFICATION RECEIVED PURSUANT TO S198-202 COMPANIES ACT 1985 THAT THE SHAREHOLDER NAMED IN 2 ABOVE HAS DECREASED THEIR SHAREHOLDING IN SPIRENT PLC TO 10.20%. SHAREHOLDER PREVIOUSLY REPORTED A SHAREHOLDING OF 105,945,146 SHARES (11.17%) ON 12 MARCH 2004.

15. Name of contact and telephone number for queries

MICHAEL ANSCOMBE - 01293 767672

16. Name and signature of authorised company official responsible for making

this notification

MICHAEL ANSCOMBE - ASSISTANT COMPANY SECRETARY

Date of notification

01 OCTOBER 2004

The FSA does not give any express or implied warranty as to the accuracy of this document or material and does not accept any liability for error or omission. The FSA is not liable for any damages (including, without limitation, damages for loss of business or loss of profits) arising in contract, tort or otherwise from the use of or inability to use this document, or any material contained in it, or from any action or decision taken as a result of using this document or any such material.

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 01 October 2004	By/s/ Luke Thomas
	(Signature)*