SPIRENT PLC Form 6-K January 21, 2005

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 January, 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 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 IRELAND	4239749	645,114
BANK OF NEW YORK	214075	4,908,886
BANK OF NEW YORK	221428	698,350
BANK OF NEW YORK	367748	2,386,871
BANK OF NEW YORK	392067	2,887,580
BANK OF NEW YORK	392177	405,953
BANK OF NEW YORK	768198	216,933
BARCLAYS CAPITAL NOMINEES LIMI		990,842
BNP PARIBAS		57 <b>,</b> 625
BNY (OCS) NOMINEES LTD	221476	205,774
BNY (OCS) NOMINEES LTD	387173	33,657
BOISS NOMINEES LTD	4224361	406,490
CHASE NOMINEES LTD	16376	562,967
CHASE NOMINEES LTD	16669	134,728
CHASE NOMINEES LTD	18243	123,823
CHASE NOMINEES LTD	19518	306,837
CHASE NOMINEES LTD	19519	2,646,373
CHASE NOMINEES LTD	20947	34,412,591
CHASE NOMINEES LTD	21359	1,483,196
CHASE NOMINEES LTD	25772	696,431
CHASE NOMINEES LTD	27793	82 <b>,</b> 603
CHASE NOMINEES LTD	27795	102,621
CHASE NOMINEES LTD	27797	138,568
CHASE NOMINEES LTD	27799	299,495
CHASE NOMINEES LTD	27800	1,037,801
CHASE NOMINEES LTD	27802	26,754
CHASE NOMINEES LTD	27804	26,545
CHASE NOMINEES LTD	28270	365 <b>,</b> 798
CHASE NOMINEES LTD	28270	999,243
CHASE NOMINEES LTD	31961	2,061,118
CIBC MELLON GLOBAL SECURITIES		47,233
CITIBANK	6010613363	86,613
CITIBANK	6010640794	253 <b>,</b> 843
CITIBANK	6010782807	433,211
DEUTSCHE BANK LONDON	8003168	30,331
HSBC	813168	713,817
HSBC	814537	80 <b>,</b> 198
HSBC	845315	23,453
INVESTORS BANK AND TRUST CO		29 <b>,</b> 665
INVESTORS BANK AND TRUST CO		3,103,713
INVESTORS BANK AND TRUST CO		508,306
INVESTORS BANK AND TRUST CO		1,017,482
INVESTORS BANK AND TRUST CO		661,501
INVESTORS BANK AND TRUST CO		14,730
INVESTORS BANK AND TRUST CO	1.0001	124,416
JP MORGAN (BGI CUSTODY)	16331	351,468
JP MORGAN (BGI CUSTODY)	16341	1,768,141
JP MORGAN (BGI CUSTODY)	16341	593 <b>,</b> 372
JP MORGAN (BGI CUSTODY)	16344	567,650
JP MORGAN (BGI CUSTODY)	16345	977,469
JP MORGAN (BGI CUSTODY)	16400	10,298,369
JP MORGAN (BGI CUSTODY)	16612	289 <b>,</b> 986

JP MORGAN (BGI CUSTODY)	16621	241,168
JP MORGAN (BGI CUSTODY)	16644	297 <b>,</b> 267
JP MORGAN (BGI CUSTODY)	16901	149,752
JP MORGAN (BGI CUSTODY)	18409	484,895
JP MORGAN (BGI CUSTODY)	19514	82,721
JP MORGAN (BGI CUSTODY)	27795	228,835
JP MORGAN (BGI CUSTODY)	27799	1,070,521
JP MORGAN (BGI CUSTODY)	28166	3,027,976
JP MORGAN CHASE BANK		340,332
JP MORGAN CHASE BANK		190,590
JP MORGAN CHASE BANK		409,555
JP MORGAN CHASE BANK		633 <b>,</b> 980
JP MORGAN CHASE BANK		205,189
MELLON BANK	ABGFZ872482	516,582
MELLON BANK	TGGF0003002	101,154
MELLON TRUST - BOSTON & SF		163,524
MELLON TRUST OF NEW ENGLAND		204,115
MIDLAND BANK (HSBC BANK PLC)	772823	2,682,742
NORTHERN TRUST	BCP04	67,019
NORTHERN TRUST	CVS21	1,012,315
NORTHERN TRUST	SC006	303,975
NORTHERN TRUST	TNF01	481,183
NORTHERN TRUST	USF06	193,023
NORTHERN TRUST	USF12	1,321,652
NORTHERN TRUST BANK - BGI SEPA		189,697
NORTHERN TRUST BANK - BGI SEPA		265,504
NORTHERN TRUST BANK - BGI SEPA		53,646
R C GREIG NOMINEES LIMITED A/C	BL1	132,653
R C GREIG NOMINEES LIMITED A/C	CM1	34,397
R C GREIG NOMINEES LIMITED GP1	GP1	30,098
R C GREIG NOMINEES LIMITED SA1	SA1	20,902
STATE STREET	2RJ2	127,458
STATE STREET	JD12	447,165
STATE STREET	N3B6	42,101
STATE STREET	N3YZ	10,972
ZEBAN NOMINEES LIMITED		21,700
ZEBAN NOMINEES LIMITED		1,000
	TOTAL	97,113,892

5. Number of shares / amount of stock acquired

NOT NOTIFIED

6. Percentage of issued class

NOT NOTIFIED

7. Number of shares / amount of stock disposed

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8. Percentage of issued class

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9. Class of security

ORDINARY SHARES OF 3.3333 PENCE EACH

10. Date of transaction

HOLDING AS AT 19 JANUARY 2005

- 11. Date company informed
- 21 JANUARY 2005
- 12. Total holding following this notification

97,113,892

- 13. Total percentage holding of issued class following this notification
- 10.13%
- 14. Any additional information

NOTIFICATION RECEIVED PURSUANT TO S198-202 COMPANIES ACT 1985 THAT THE SHAREHOLDER NAMED IN 2 ABOVE HAS INCREASED THEIR NOTIFIABLE SHAREHOLDING IN SPIRENT PLC TO 10.13%. SHAREHOLDER PREVIOUSLY REPORTED A SHAREHOLDING OF 49,197,453 SHARES (5.15%) ON 25 NOVEMBER 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

21 JANUARY 2005

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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 21 January, 2005	By/s/ Luke Thomas
	(Signature)*