SPIRENT PLC Form 6-K February 22, 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 February, 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	1,084,302
BANK OF NEW YORK	214075	5,915,102
BANK OF NEW YORK	221428	866,143
BANK OF NEW YORK	367748	2,907,094
BANK OF NEW YORK	392067	3,326,323
BANK OF NEW YORK	392177	489 , 732
BANK OF NEW YORK	768198	216,933
BARCLAYS CAPITAL NOMINEES LI	MI	565,420
BNP PARIBAS		219,175
BNY (OCS) NOMINEES LTD	221476	382,174
BNY (OCS) NOMINEES LTD	387173	71,285
BOISS NOMINEES LTD	4224361	406,490
CHASE NOMINEES LTD	16376	527,631
CHASE NOMINEES LTD	16669	134,728
CHASE NOMINEES LTD	18243	123,823
CHASE NOMINEES LTD	19518	379,214
CHASE NOMINEES LTD	19519	2,634,098
CHASE NOMINEES LTD	19520	213,550
CHASE NOMINEES LTD	20947	38,680,837
CHASE NOMINEES LTD	21359	1,483,196

CHASE NOMINEES LTD	25772	863,420
CHASE NOMINEES LTD	27793	66,723
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	28270	365,798
CHASE NOMINEES LTD	28270	1,172,155
CHASE NOMINEES LTD	31961	2,294,832
CIBC MELLON GLOBAL SECURITIE	S	132,574
CITIBANK	6010613363	86,613
CITIBANK	6010640794	253,843
CITIBANK	6010782807	462,289
DEUTSCHE BANK LONDON	8003168	30,331
HSBC	813168	869,384
HSBC	814537	80,198
HSBC	845315	23,453
INVESTORS BANK AND TRUST CO		67,293
INVESTORS BANK AND TRUST CO		1,095,438
INVESTORS BANK AND TRUST CO		2,358,360
INVESTORS BANK AND TRUST CO		6,980,817
INVESTORS BANK AND TRUST CO		708,218
INVESTORS BANK AND TRUST CO		14,730
INVESTORS BANK AND TRUST CO		128,304
JP MORGAN (BGI CUSTODY)	16331	351,468
JP MORGAN (BGI CUSTODY)	16341	2,025,059
JP MORGAN (BGI CUSTODY)	16341	593 , 372
JP MORGAN (BGI CUSTODY)	16344	705,203
JP MORGAN (BGI CUSTODY)	16345	1,191,612
JP MORGAN (BGI CUSTODY)	16400	10,298,369
JP MORGAN (BGI CUSTODY)	16612	415,341

JP MORGAN (BGI CUSTODY)	16621	277,635			
JP MORGAN (BGI CUSTODY)	16644	636,237			
JP MORGAN (BGI CUSTODY)	16901	181,820			
JP MORGAN (BGI CUSTODY)	18409	469,969			
JP MORGAN (BGI CUSTODY)	19514	175,421			
JP MORGAN (BGI CUSTODY)	27795	445,925			
JP MORGAN (BGI CUSTODY)	27799	1,267,446			
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 , 980			
JP MORGAN CHASE BANK		550,285			
MELLON BANK AE	3GFZ872482	827 , 679			
MELLON BANK TO	GGF0003002	101,154			
MELLON TRUST - BOSTON & SF		367,265			
MELLON TRUST OF NEW ENGLAND		458,475			
MIDLAND BANK (HSBC BANK PLC)	772823	3,318,353			
NORTHERN TRUST	BCP04	67,019			
NORTHERN TRUST	CVS21	1,242,437			
NORTHERN TRUST	SC006	303 , 975			
NORTHERN TRUST	TNF01	532,061			
NORTHERN TRUST	USF06	193,023			
NORTHERN TRUST	USF12	1,681,150			
NORTHERN TRUST BANK - BGI SEP	PA	510,728			
NORTHERN TRUST BANK - BGI SEP	PA	586,640			
NORTHERN TRUST BANK - BGI SEP	PA	116,798			
R C GREIG NOMINEES LIMITED A/	C BL1	119,587			
R C GREIG NOMINEES LIMITED A/	C CM1	33,409			
R C GREIG NOMINEES LIMITED GP	P1 GP1	30,098			
R C GREIG NOMINEES LIMITED SA	Al SAl	20,902			

STATE	STREET	2RJ2	127,458
STATE	STREET	JD12	447,165
STATE	STREET	N3B6	200,097
STATE	STREET	N3YZ	27,706
ZEBAN	NOMINEES LIMITED		21,700
ZEBAN	NOMINEES LIMITED		1,000
		TOTAL	115,783,982

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 16 FEBRUARY 2005

11. Date company informed

- 21 FEBRUARY 2005
- 12. Total holding following this notification

115,783,982

13. Total percentage holding of issued class following this notification

12.07%

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 12.07%. SHAREHOLDER PREVIOUSLY REPORTED A SHAREHOLDING OF 105,807,731 SHARES (11.03%) ON 27 JANUARY 2005.

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

21 FEBRUARY 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 undersigned, thereunto duly authorized.	be	signed	on its	behalf	by	the
			LUKE	THOMAS_		_
			(Regi	strant)		
Date 21 February, 2005	В	Ву	/s/ L	uke Tho	mas_	
			(Signa	ture)*		