SPIRENT PLC Form 6-K February 13, 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 February, 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 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
ALMLUFTTL-18409-CHASE MANHATTA	ALMLUFTT	487 , 521
ASTEXMTTL-21359-CHASE NOMINEES	ASTEXMTT	1,220,660
ASUKEXTTL-20947-CHASE MANHATTA	ASUKEXTT	36,122,576
BARCLAYS CAPITAL NOMINEES LIMI		734,302
BARCLAYS TRUST CO AS EXEC/ADM		1,128
BLENTFUKQ-16344-CHASE MANHATTA	BLENTFUK	279 , 176
BLENTPUKQ-16345-CHASE MANHATTA	BLENTPUK	532,050
BLEQFDUKQ-16331-CHASE MANHATTA	BLEQFDUK	246,435
BLEQPTUEA-16341-CHASE MANHATTA	BLEQPTUE	1,610,786
BLEQPTUKQ-16341-CHASE MANHATTA	BLEQPTUK	650,710
BLUKINTTL-16400-CHASE MANHATTA	BLUKINTT	8,433,668
CHATRKTTL-16376-CHASE MANHATTA	CHATRKTT	475,611
INVESTORS BANK AND TRUST CO.	527191	3,056,084
INVESTORS BANK AND TRUST CO.	536747	756 , 438
INVESTORS BANK AND TRUST CO.	552942	402,745
INVESTORS BANK AND TRUST CO.	573039	92,016
INVESTORS BANK AND TRUST CO.	585934	9,820
INVESTORS BANK AND TRUST CO.	595966	230,692
JPMORGAN CHASE BANK	540186	181,647
JPMORGAN CHASE BANK	BTGF01IE	341,021

JPMORGAN CHASE BANK	BTGF05IE	381,288
NORTHERN TRUST BANK - BGI SEPA	581610	274,022
NORTHERN TRUST BANK - BGI SEPA	584069	116,930
NORTHERN TRUST BANK - BGI SEPA	604162	41,732
R C GREIG NOMINEES LIMITED A/C	BL1	161,919
R C GREIG NOMINEES LIMITED A/C	CM1	40,458
R C GREIG NOMINEES LIMITED GP1	GP1	15,218
R C GREIG NOMINEES LIMITED SA1	SA1	18,461
UBS LIMITED	583996	446,293
ZEBAN NOMINEES LIMITED		4,780
	TOTAL	57,366,187

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
- _
- 8. Percentage of issued class
- _
- 9. Class of security

ORDINARY SHARES OF 3.3333 PENCE EACH

10. Date of transaction

NOT NOTIFIED

- 11. Date company informed
- 13 FEBRUARY 2004
- 12. Total holding following this notification
- 57,366,187
- 13. Total percentage holding of issued class following this notification
- 6.05%
- 14. Any additional information

NOTIFICATION RECEIVED PURSUANT TO S198-202 COMPANIES ACT 1985 THAT THE SHAREHOLDER NAMED IN 2 ABOVE HAS INCREASED THEIR SHAREHOLDING IN SPIRENT PLC TO 6.05%. SHAREHOLDER PREVIOUSLY REPORTED A SHAREHOLDING OF 47,457,381 SHARES (5.01%) ON 2 FEBRUARY 2004.

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

13 FEBRUARY 2004

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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 13 February, 2004	By/s/ Luke Thomas
	(Signature)*