SPIRENT PLC Form 6-K February 25, 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 11

NOTIFICATION OF INTERESTS OF DIRECTORS AND CONNECTED PERSONS

1. Name of company

SPIRENT PLC

2. Name of director

ANDERS GUSTAFSSON

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 or in respect of a non-beneficial interest

IN RESPECT OF THE DIRECTOR'S HOLDING

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them (if notified)

N/A

5. Please state whether notification relates to a person(s) connected with the director named in 2 above and identify the connected person(s)

N/A

6. Please state the nature of the transaction. For PEP transactions please indicate whether general/single co PEP and if discretionary/non discretionary

ACQUISITION OF ORDINARY SHARES

7. Number of shares / amount of stock acquired

50,000

8. Percentage of issued class

0.005%

9. Number of shares/amount of stock disposed

N/A

10. Percentage of issued class

N/A

11. Class of security

ORDINARY SHARES OF 3 1/3 PENCE

12. Price per share

65.5 PENCE

13. Date of transaction

25 FEBRUARY 2005

14. Date company informed

25 FEBRUARY 2005

15. Total holding following this notification

230,180 (see additional information in box 23)

16. Total percentage holding of issued class following this notification

0.024%

If a director has been granted options by the company please complete the following boxes.

17. Date of grant

N/A

18. Period during which or date on which exercisable

N/A

19. Total amount paid (if any) for grant of the option

N/A

20. Description of shares or debentures involved: class, number

N/A

21. Exercise price (if fixed at time of grant) or indication that price is to be fixed at time of exercise $% \left(\frac{1}{2} \right) = 0$

N/A

 $22.\ {\rm Total}\ {\rm number}\ {\rm of}\ {\rm shares}\ {\rm or}\ {\rm debentures}\ {\rm over}\ {\rm which}\ {\rm options}\ {\rm held}\ {\rm following}\ {\rm this}\ {\rm notification}$

N/A

23. Any additional information

180,180 OF THE ORDINARY SHARES STATED IN BOX 15 ABOVE ARE HELD NON-BENEFICIALLY BY THE EMPLOYEE SHARE OWNERSHIP TRUST AS A CONDITIONAL SHARE AWARD. BENEFICIAL INTEREST IN THE SHARES WILL NOT BE GRANTED UNTIL 2 AUGUST 2007 SUBJECT TO HIM STILL BEING IN THE COMPANY'S EMPLOYMENT.

24. Name of contact and telephone number for queries

MICHAEL ANSCOMBE

TEL: 01293 767676

 $25.\ {\rm Name}$ and signature of authorised company official responsible for making this notification

MICHAEL ANSCOMBE

Date of Notification

25 FEBRUARY 2005

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SCHEDULE 11

NOTIFICATION OF INTERESTS OF DIRECTORS AND CONNECTED PERSONS

1. Name of company

SPIRENT PLC

2. Name of director

ERIC HUTCHINSON

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 or in respect of a non-beneficial interest

IN RESPECT OF THE DIRECTOR'S HOLDING

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them (if notified)

N/A

5. Please state whether notification relates to a person(s) connected with the director named in 2 above and identify the connected person(s)

N/A

6. Please state the nature of the transaction. For PEP transactions please indicate whether general/single co PEP and if discretionary/non discretionary

ACQUISITION OF ORDINARY SHARES

7. Number of shares / amount of stock acquired

15,000

326 (see additional information in box 23)

8. Percentage of issued class

0.0016%

9. Number of shares/amount of stock disposed

N/A

10. Percentage of issued class

N/A

11. Class of security

ORDINARY SHARES OF 3 1/3 PENCE

12. Price per share

65.5 PENCE

19.36 PENCE (see additional information in box 23)

13. Date of transaction

25 FEBRUARY 2005

14. Date company informed

25 FEBRUARY 2005

15. Total holding following this notification

753,707

16. Total percentage holding of issued class following this notification

0.078%

If a director has been granted options by the company please complete the following boxes.

17. Date of grant

N/A

18. Period during which or date on which exercisable

N/A

19. Total amount paid (if any) for grant of the option

N/A

20. Description of shares or debentures involved: class, number

N/A

21. Exercise price (if fixed at time of grant) or indication that price is to be fixed at time of exercise $% \left({{\left[{{\left({{{\left({{{}}}} \right)}}}} \right.}$

N/A

22. Total number of shares or debentures over which options held following this

notification

N/A

23. Any additional information

A PORTION OF THE DIRECTOR'S SHARES ARE HELD IN AN INDIVIDUAL SAVINGS ACCOUNT (ISA) PLAN. MR HUTCHINSON WAS INFORMED BY HIS ISA PLAN PROVIDER THAT 326 SHARES HAD BEEN PURCHASED ON 4 NOVEMBER 2002 UNDER HIS DIVIDEND REINVESTMENT ARRANGEMENT. THE PRICE SHOWN IN BOX 12 ABOVE IS THE MARKET VALUE OF A SPIRENT ORDINARY SHARE AS AT 4 NOVEMBER 2002.

24. Name of contact and telephone number for queries

MICHAEL ANSCOMBE

TEL: 01293 767676

 $25.\ {\rm Name}$ and signature of authorised company official responsible for making this notification

MICHAEL ANSCOMBE

Date of Notification

25 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 be signed on its behalf by the undersigned, thereunto duly authorized.

____LUKE THOMAS_____

(Registrant)

Date 25 February 2005

By ____/s/ Luke Thomas_____

(Signature)*