COHON JARED L Form 144

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SEC USE ONLY DOCUMENT SEQUENCE

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CUSIP NUMBER

WORK LOCATION

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

ATTENTION: Transmit for filing 3 copies of this form concurrently with either placing an order with a broker to execute sale

or executing a sale directly with a market maker.

1 (a) NAME OF ISSUER (Please type or print) (b) IRS IDENT. NO. (c) S.E.C.

FILE NO.

Ingersoll-Rand plc 98-0626632

001-34400

1 (d) ADDRESS OF (e) TELEPHONE NO.

ISSUER STREET CITY

STATE ZIP CODE

AREA NUMBER 170/175 Lakeview Drive, Airside Business Park, Swords, Co. CODE 1870-7400

Dublin Ireland +(353)(0)

2 (a) NAME OF PERSON (b) RELATIONSHIP (c) ADDRESS

FOR WHOSE ACCOUNT TO ISSUER STREET CITY STATE

THE SECURITIES ARE TO CODE

BE SOLD Director

Jared L. Cohon

170/175 Lakeview Drive, Airside Business Park, Swords, Co. Dublin Ireland

INSTRUCTION: The person filing this notice should contact the issuer to obtain the I.R.S. Identification Number and the S.E.C. File Number.

| 3 (a) | (b) | | SEC USE ONLY | (c) | (d) | (e) | (f) | (g) | |
|----------|---|---|--|---------------|-------------------------|--|--|------------|--|
| | | e and Address of | | | | | | | |
| | Each | | | | | | | | |
| | | roker Through | | Number of | Ī | Number of | | Name of | |
| Title of | | Whom the | | Shares | | Shares | | Each | |
| the | | urities are to be | | or Other | | or Other | | Securities | |
| Class of | | Offered | | Units | Aggregate | Units | Approximate | _ | |
| | | ch Market Maker | D 1 D 1 | To Be Solo | | Outstanding | • | (See | |
| To Be | who | is Acquiring the | | | | (See instr. | (See instr. 3(f)) | | |
| Sold | LIDO | Securities | File Number | - (-)) | (See instr. 3(d) | | (MO. DAY YR | | |
| - | | Financial | | 12,400 | \$415,524 | 330,976,917 | 7 09/01/2011 | NYSE | |
| Shares | | Avenue of the | | | (as of August 31, 2011) | (as of July 15, 2011) | | | |
| | | | | | 31, 2011) | 13, 2011) | | | |
| | | nericas ew York, New York | | | | | | | |
| | 10019 | | | | | | | | |
| | 1001, | , | | | | | | | |
| INSTRU | CTION | IS: | | | 3. (a | Title of the | class of securities | to be sold | |
| 1. | (a) | Name of issuer | | | · · | | ddress of each bro | | |
| | . , | | | | | through who | om the securities | are | |
| | (b) | Issuer's I.R.S. Id | dentification 1 | Number | | intended to | | | |
| | (c) | Issuer's S.E.C. file number, if any | | | | (c) Number of shares or other units | | | |
| | | | | | | sold (if debt securities, give the | | | |
| | (d) | Issuer's address, including zip code | | | | aggregate face amount) | | | |
| | (e) | Issuer's telephor | suer's telephone number, including area code | | | | Aggregate market value of the securities | | |
| | | | | | | to be sold as of a specified | | | |
| | (f) | Approximate da | te on which t | he securities | are to be | | date within 10 days prior to the filing of | | |
| | | sold | | | | this notice | | | |
| | (g) | Name of each se | | - | • | Number of shares or other units of | | | |
| | | which the securi | ities are intended to be sold | | | outstanding, as shown by the most | | | |
| | | | | | | | standing, or if de | | |
| • | () | | | | •,• | securities the face amount thereof recent report or statement published by | | | |
| 2. | (a) | Name of person for whose account the securities | | | curities | | | | |
| | (b) | are to be sold | alatianahin ta | the issues (e | ~ | the issuer | | | |
| | (b) | Such person's re | _ | | | | | | |
| | | | 10% stockholder, or member of | | | | | | |
| | immediate family of any of the foregoing) (c) Such person's address, including zip code | | | | | | | | |
| | (0) | ouen person s a | aaress, metuc | ing zip couc | | | | | |

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1147 (08-07)

TABLE I - SECURITIES TO BE SOLD

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

| Title of | Date you | | Name of Person from | Amount of | Date of | |
|-----------|------------|--------------------------|--------------------------|------------|------------|-----------|
| the Class | Acquired | Nature of Acquisition | Whom Acquired | Securities | Payment | Nature of |
| | | Transaction | (If gift, also give date | Acquired | | Payment |
| | | | donor acquired) | | | |
| Ordinary | 09/01/2011 | Exercise of stock option | Ingersoll-Rand plc | 14,400 | 09/01/2011 | Cash |
| Shares | | award | | | | |

INSTRUCTIONS: If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

TABLE II - SECURITIES SOLD DURING THE PAST 3 MONTHS

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

| | | Amount of | |
|----------------------------|----------------------------------|-------------------|----------------|
| Name and Address of Seller | Title of Securities Sold Date of | f Securities Sold | Gross Proceeds |
| | Sale | | |

REMARKS:

INSTRUCTIONS:

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

09/01/2011 DATE OF NOTICE

DATE OF PLAN ADOPTION OR GIVING OF INSTRUCTION,

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If each person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

/s/ S. Wade Sheek, Attorney-in-Fact (SIGNATURE)

The notice shall be signed by the person for whose account the securities are

IF RELYING ON RULE 10B5-1

to be sold. At least onecopy of the notice shall be manually signed.

Any copies not manually signed shall bear typed o printed signatures.

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)