

Matzke-Hamlin Heather
 Form 4
 January 18, 2012

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Matzke-Hamlin Heather

(Last) (First) (Middle)
 C/O IHS INC., 15 INVERNESS WAY EAST
 (Street)

ENGLEWOOD, CO 80112

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 IHS Inc. [IHS]

3. Date of Earliest Transaction (Month/Day/Year)
 01/13/2012

4. If Amendment, Date Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr VP, Chief Acctg Officer

6. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Price | | |
| Class A Common Stock | 01/13/2012 | | A ⁽¹⁾ | 4,510 | A \$ 0 | 15,801 | D |
| Class A Common Stock | 01/13/2012 | | F ⁽²⁾ | 1,448 | D \$ 91.78 | 14,353 | D |
| Class A Common Stock | 01/17/2012 | | S ⁽³⁾ | 531 | D \$ 92.02 | 13,822 | D |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|----------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Matzke-Hamlin Heather C/O IHS INC. 15 INVERNESS WAY EAST ENGLEWOOD, CO 80112 | | | Sr VP, Chief Acctg Officer | |

Signatures

M. Sean Radcliffe, Attorney-in-Fact on behalf of Reporting Person
 Signature: _____ Date: 01/18/2012

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
 - (1) This award represents performance-based restricted stock units that were settled on January 13, 2012, based upon the determination of the Human Resources Committee of the Board of Directors that certain financial performance goals were achieved.
 - (2) Represents shares withheld for taxes upon vesting of performance-based restricted stock units.
 - (3) Sold pursuant to the reporting person's previously adopted Rule 10b5-1 trading plan.
- The price is a weighted average price. The prices actually received ranged from \$91.97 to \$92.04. The reporting person will provide to the issuer, any security holder of the issuer, or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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