Collins Patrick Edward Form 3 March 03, 2006 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB APPROVAL OMB Number: 3235-0104

INITIAL STATEMENT OF 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)

| | (Month/Day/Year) | 3. Issuer Name and Ticker or Trading Symbol DOT HILL SYSTEMS CORP [HILL] | | | | | |
|---|---|--|---|---|--|--|--|
| (Last) (First) (Middle) | 03/01/2006 | 4. Relationship of Reporting Person(s) to Issuer | | | 5. If Amendment, Date Original Filed(Month/Day/Year) | | |
| 6305 EL CAMINO REAL | | | | | | | |
| (Street) | | (Check a | Ill applicable) | 6. Individ | 6. Individual or Joint/Group | | |
| CARLSBAD, CA 92009 | | | 10% Ow Other (specify below) erating Officer | _X_Form Person | eck Applicable Line) filed by One Reporting filed by More than One Person | | |
| (City) (State) (Zip) | Table I - N | Non-Derivative Securities Beneficially Owned | | | | | |
| 1.Title of Security (Instr. 4) | 2. Amount o Beneficially (Instr. 4) | Owned | Ownership O | Nature of Indi wnership nstr. 5) | irect Beneficial | | |
| Reminder: Report on a separate line for owned directly or indirectly. | each class of securities benefic | ially SE | C 1473 (7-02) | | | | |
| information con required to resp | spond to the collection of tained in this form are not ond unless the form displ DMB control number. | | | | | | |
| Table II - Derivative Sector | urities Beneficially Owned (e | .g., puts, calls, v | varrants, optior | ıs, convertible | securities) | | |
| (Instr. 4) Exp | biration Date Securiti | and Amount of les Underlying ive Security | 4. Conversion or Exercise Price of Derivative | 5. Ownership Form of Derivative Security: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) | | |

Date

Exercisable

Expiration

Title

Date

Direct (D)

or Indirect

(Instr. 5)

(I)

Security

Amount or

Number of

Shares

January 31,

2005

0.5

Expires:

response...

Estimated average burden hours per

Reporting Owners

| Reporting Owner Name / Add | lress | Relationships | | | | |
|--|------------|---------------|-------------------------|-------|--|--|
| ForBoo | Director | 10% Owner | Officer | Other | | |
| Collins Patrick Edward 6305 EL CAMINO REAL CARLSBAD, CA 9200 | | Â | Chief Operating Officer | Â | | |
| Signatures | | | | | | |
| \S\Patrick E. Collins | 03/01/2006 | | | | | |
| <pre>**Signature of Reporting Person</pre> | Date | | | | | |
| | _ | | | | | |

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(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).

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