

Digital Realty Trust, Inc.
 Form 4/A
 October 02, 2008

FORM 4

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

OMB APPROVAL

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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 *
 Peterson Scott E

(Last) (First) (Middle)
 560 MISSION STREET, SUITE 2900
 (Street)

SAN FRANCISCO, CA 94105

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Digital Realty Trust, Inc. [DLR]

3. Date of Earliest Transaction
 (Month/Day/Year)
 10/27/2005

4. If Amendment, Date Original Filed(Month/Day/Year)
 11/01/2005

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Senior VP, Acquisitions

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) | Code | V | Amount | (D) | Price |

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

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SEC 1474
 (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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. D |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|------|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|--|------------------------------------|------------------|------------|---|------|---|-----|-----|---------------------|--------------------|-----------------|----------------------------------|
| Class C Profits Interest Units ⁽¹⁾ | <u>(1)</u> | 10/27/2005 | A | 108,226 <u>(2)</u> | | | | | <u>(1)</u> | <u>(3)</u> | Common Stock | 108,226 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Peterson Scott E 560 MISSION STREET, SUITE 2900 SAN FRANCISCO, CA 94105 | | | Senior VP, Acquisitions | |

Signatures

/s/ Barbara Polster,
attorney-in-fact

10/02/2008

 Signature of Reporting Person Date

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).

Class C Profits Interest Units ("Class C Units") are membership interests in Digital Realty Trust, L.P., a Maryland limited partnership of which the issuer is the general partner (the "Operating Partnership"). Class C Units that have satisfied the performance condition and achieved full parity with common limited partnership units of the Operating Partnership ("Common Units") receive the same quarterly

(1) distributions as Common Units, and may be converted into an equal number of Common Units on a one-for-one basis at any time. Common Units will be redeemable for cash based on the fair market value of an equivalent number of shares of the issuer's common stock, or, at the election of the issuer, for an equal number of shares of the issuer's common stock. The Class C Units have achieved full parity with Common Units.

(2) Reflects number of Class C Units initially granted on October 27, 2005 that satisfied the specified performance condition as of September 30, 2008. The performance condition was satisfied in full and maximum dollar value available under the award was achieved. The remaining Class C Units granted to the reporting person on October 27, 2005 were in excess of the maximum dollar value eligible to vest and therefore were automatically cancelled and forfeited on September 30, 2008. More information about these Class C Units can be found in the current report on Form 8-K filed by the issuer on October 5, 2005 and subsequent reports filed with the Securities Exchange Commission, including the Form 10-Q for the quarter ended July 31, 2008.

(3) N/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.