Peterson Scott E Form 4 April 07, 2009

## FORM 4

## OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or IN BENEFICIAL OWNERSHIP OF

Expires:

2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. See Instruction 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(b).

1. Name and Address of Reporting Person * Peterson Scott E			2. Issuer Name and Ticker or Trading Symbol Digital Realty Trust, Inc. [DLR]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
560 MISSION STREET, SUITE 2900			(Month/Day/Year) 04/03/2009	Director 10% Owner Senior VP, Acquisitions			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SAN FRANCI	SCO, CA 9	4105	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (A	Table	I - Non-De	erivative Se	ecuritie	es Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)		3. Transaction	4. Securities Acquired n(A) or Disposed of			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)	•	any	Code (D)			Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Owned Indirect (I) Following (Instr. 4) Reported		Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	04/03/2009		M(1)	64,935	A	<u>(2)</u>	64,935	D	
Common Stock	04/03/2009		S(3)	64,935		\$ 37 (4)	0	D	

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

(7:m)

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SEC 1474

(9-02)

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# 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 onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Class C Profits Interest Units (1) (2)	<u>(5)</u>	04/03/2009		M(1)	64,935	(2)	<u>(6)</u>	Common Stock	64,935		

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Peterson Scott E

560 MISSION STREET, SUITE 2900 Senior VP, Acquisitions

SAN FRANCISCO, CA 94105

#### **Signatures**

/s/ Barbara Polster, attorney-in-fact 04/07/2009

\*\*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).

In accordance with the terms of a Trading Plan (SEC Rule 10b5-1 - Securities Exchange Act of 1934), Scott Peterson converted 64,935 Class C Profits Interest Units into common limited partnership units ("Common Units") of Digital Realty Trust, L.P., a Maryland Limited

- (1) Partnership (the "Operating Partnership"), and subsequently redeemed the 64,935 Common Units for 64,935 shares of the common stock of Digital Realty Trust, Inc. (the "Issuer"), all in accordance with the requirements of the Limited Partnership Agreement of the Operating Partnership.
  - Class C Units are membership interests in the Operating Partnership of which the Issuer is the general partner. Class C Units that have satisfied the performance condition and achieved full parity with Common Units receive the same quarterly distributions as Common
- (2) 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.
- (3) Common Stock sold in accordance with the terms of a Trading Plan (SEC Rule 10b5-1 Securities Exchange Act of 1934).
- (4) Represents the average sale price. Exact sale prices range from \$36.00 to \$38.00.
- (**5**) 1 for 1.

Reporting Owners 2

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#### (6) 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.