PROLOGIS Form 4

December 21, 2010

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading SULLIVAN WILLIAM E Issuer Symbol PROLOGIS [PLD] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title 4545 AIRPORT WAY 12/18/2010 below) Chief Financial Officer (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting DENVER, CO 80239 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial Owned Ownership (Month/Day/Year) (Instr. 8) (D) or Following Indirect (I) (Instr. 4) 4)

Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr.
Common Shares of Beneficial Interest, par value \$.01	12/18/2010	12/18/2010	M	2,063	A	\$ 0	232,436	D
Common Shares of Beneficial Interest, par value \$.01	12/18/2010	12/18/2010	M	287	A	\$ 0	232,723	D

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Common Shares of Beneficial

Beneficial 12/18/2010 12/18/2010 F 966 D \$ 231,757 D

value \$.01

(3)

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

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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. Transactic Code (Instr. 8)	5. Number on f 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Share Units	\$ 0	12/18/2010	12/18/2010	M	2,063	<u>(1)</u>	<u>(1)</u>	Common Shares of Beneficial Interest	2,063
Dividend Equivalent Units	\$ 0	12/18/2010	12/18/2010	M	287	<u>(2)</u>	(2)	Common Shares of Beneficial Interest	287

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SULLIVAN WILLIAM E 4545 AIRPORT WAY DENVER, CO 80239

Chief Financial Officer

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Signatures

Kristi Oberson, attorney-in-fact for William Sullivan

12/21/2010

**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).
- (1) Restricted Share Units (RSUs). Conversion of 25% of restricted share unit award following vest. The RSUs convert into ProLogis common shares on a 1-for-1 basis. RSUs have no exercise price or expiration date.
- (2) Dividend Equivalent Units (DEUs). Automatic settlement of DEUs in connection with the vesting of RSUs. The DEUS convert into ProLogis common shares on a 1-for-1 basis. DEUs have no exercise price or expiration date.
- (3) Shares withheld for payment of the tax liability associated with the receipt of common shares acquired upon the release of restricted share units (RSUs) and dividend equivalent units (DEUs) referenced in Table II.

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.

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