Whitaker Darla H Form 4 February 01, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue. See Instruction

See Instruction

See Instruction

See Instruction

Output

Description To(a) of the Securities Exchange Net of 1934, of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

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 Whitaker Darla H Issuer Symbol TEXAS INSTRUMENTS INC (Check all applicable) [TXN] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 12500 TI BOULEVARD 01/28/2010 Sr. Vice President (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 DALLAS, TX 75243 Person

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquii	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit ord Dispos (Instr. 3, 4)	ed of		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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	01/28/2010		A(1)	35,000	A	\$ 0	117,920	D	
Common Stock	01/29/2010		S(2)	3,400	D	\$ 22.6938	114,520	D	
Common Stock							4,398 (3)	I	By Spouse

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

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number.

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 or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			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
NQ Stock Option (Right to Buy)	\$ 23.05	01/28/2010		A	105,000	<u>(4)</u>	01/28/2020	Common Stock	105,000

Reporting Owners

Reporting Owner Name /	Addross	Relationships

Director 10% Owner Officer Other

Whitaker Darla H 12500 TI BOULE

12500 TI BOULEVARD Sr. Vice President

DALLAS, TX 75243

Signatures

/s/ Daniel M. Drory, Attorney
In Fact

02/01/2010

**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) Award of restricted stock units pursuant to 2009 Long Term Incentive Plan.
- Sales effected pursuant to a Rule 10b5-1 trading plan entered into by the reporting person on 4-29-2009. The sales were at prices ranging
- (2) from \$22.3301 to \$23.1701. The price in Table 1 is the weighted average sale price. The issuer undertakes to provide upon request a detailed breakout of the sale prices and the number of shares sold at each price.
- (3) Beneficial ownership by reporting person disclaimed.
- (4) The option becomes exercisable in four equal annual installments beginning on January 28, 2011.

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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