SANDERS WAYNE R

Form 4

January 24, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

OMB APPROVAL

January 31, 2005

0.5

Estimated average

5. Relationship of Reporting Person(s) to

response...

burden hours per

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue.

1. Name and Address of Reporting Person *

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

2. Issuer Name and Ticker or Trading

See Instruction

1(b).

(Print or Type Responses)

SANDERS WAYNE R			Symbol TEXAS INSTRUMENTS INC [TXN]				Issuer (Check all applicable)		
(Last) (First) (Middle) 12500 TI BOULEVARD			3. Date of Earliest Transaction (Month/Day/Year) 01/20/2005			_X_ Director 10% Owner Officer (give title Other (specify below)			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
DALLAS,	ΓX 75243						Form filed by Person	More than One R	eporting
(City)	(State)	(Zip)	Table	e I - Non-Do	erivative S	ecurities Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execution any		3. Transactic Code (Instr. 8)	4. Securit onAcquired Disposed (Instr. 3,	(A) or of (D)	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							15,200	D	
Common Stock							400 (1)	I	By Daughter
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 of orDerivative 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
NQ Stock Option (right to buy)	\$ 21.55	01/20/2005		A	15,000	<u>(2)</u>	01/20/2015	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
Topolong of the family frauess	Director	10% Owner	Officer	Other		
SANDERS WAYNE R 12500 TI BOULEVARD DALLAS, TX 75243	X					

Signatures

CYNTHIA H. HAYNES, ATTORNEY IN
FACT
01/24/2005

Explanation of Responses:

**Signature of Reporting Person

- * 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).
- (2) The option becomes exercisable in four equal annual installments beginning on January 20, 2006.
- (1) Beneficial ownership by reporting person disclaimed.

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.

Date

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