#### ALLEGHENY TECHNOLOGIES INC

Form 4

January 31, 2007

# 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:

January 31, 2005

0.5

Estimated average

**OMB APPROVAL** 

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

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Add		_	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer				
			ALLEGHENY TECHNOLOGIES INC [ATI]	(Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	Director 10% Owner				
1000 SIX PPG PLACE			(Month/Day/Year)	X Officer (give title Other (specification) below)				
			01/29/2007	EVP, Finance and CFO				
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check				
			Filed(Month/Day/Year)	Applicable Line)				
PITTSBURG	H, PA 1522	22-5479		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(Citv)	(State)	(Zip)	Table I. Nov. Dool and Committee Acc					

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially O							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispose (Instr. 3, 4	ed of ( and 5 (A) or	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock, \$0.10 par value	01/29/2007		Code V	Amount 52,941	(D)	Price	138,906.351	D	
Common Stock, \$0.10 par value	01/29/2007		F	21,335	D	\$ 98.98	117,571.351	D	
Common Stock, \$0.10 par value	01/29/2007		F	6,672	D	\$ 98.98	110,899.351	D	

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Common Stock, \$0.10 par value	01/29/2007	S	200	D	\$ 101.97	110,699.351	D
Common Stock, \$0.10 par value	01/29/2007	S	200	D	\$ 101.96	110,499.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.95	110,399.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.94	110,299.351	D
Common Stock, \$0.10 par value	01/29/2007	S	200	D	\$ 101.89	110,099.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.88	109,999.351	D
Common Stock, \$0.10 par value	01/29/2007	S	500	D	\$ 101.87	109,499.351	D
Common Stock, \$0.10 par value	01/29/2007	S	300	D	\$ 101.86	109,199.351	D
Common Stock, \$0.10 par value	01/29/2007	S	200	D	\$ 101.85	108,999.351	D
Common Stock, \$0.10 par value	01/29/2007	S	300	D	\$ 101.84	108,699.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.83	108,599.351	D
	01/29/2007	S	1,300	D		107,299.351	D

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Common Stock, \$0.10 par value					\$ 101.82		
Common Stock, \$0.10 par value	01/29/2007	S	300	D	\$ 101.81	106,999.351	D
Common Stock, \$0.10 par value	01/29/2007	S	1,500	D	\$ 101.8	105,499.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.79	105,399.351	D
Common Stock, \$0.10 par value	01/29/2007	S	1,000	D	\$ 101.78	104,399.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.77	104,299.351	D
Common Stock, \$0.10 par value	01/29/2007	S	700	D	\$ 101.76	103,599.351	D
Common Stock, \$0.10 par value	01/29/2007	S	600	D	\$ 101.75	102,999.351	D
Common Stock, \$0.10 par value	01/29/2007	S	100	D	\$ 101.74	102,899.351	D
Common Stock, \$0.10 par value	01/29/2007	S	1,400	D	\$ 101.73	101,499.351	D
Common Stock, \$0.10 par value	01/29/2007	S	2,500	D	\$ 101.72	98,999.351	D
	01/29/2007	S	500	D	\$ 101.7	98,499.351	D

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Common Stock, \$0.10 par value							
Common Stock, \$0.10 par value	01/29/2007	S	200	D	\$ 101.69	98,299.351	D
Common Stock, \$0.10 par value	01/29/2007	S	200	D	\$ 101.68	98,099.351	D
Common Stock, \$0.10 par value	01/29/2007	S	500	D	\$ 101.67	97,599.351	D
Common Stock, \$0.10 par value	01/29/2007	S	1,000	D	\$ 101.66	96,599.351	D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(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 (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. Transac Code (Instr. 3	of D See A (A D of (Iii	umber	6. Date Exerc Expiration D (Month/Day/	ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)
				Code	V (A	A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HARSHMAN RICHARD J 1000 SIX PPG PLACE PITTSBURGH, PA 15222-5479

EVP, Finance and CFO

### **Signatures**

/s/ Richard J. 01/31/2007 Harshman

\*\*Signature of Reporting Date
Person

## **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).

#### **Remarks:**

Form 1 of 3

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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