

ALLEGHENY TECHNOLOGIES INC  
 Form 4  
 January 31, 2017

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person \*  
 Sims John D

2. Issuer Name and Ticker or Trading Symbol  
 ALLEGHENY TECHNOLOGIES INC [ATI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 1000 SIX PPG PLACE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 01/27/2017

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 EVP, HPMC Segment

PITTSBURGH, PA 15222

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)
			Code	V	Amount	(A) or (D)	Price
Common Stock, \$0.10 par value	01/27/2017		A		9,303 <sup>(1)</sup>	A	\$ 0
Common Stock, \$0.10 par value	01/27/2017		F		3,114 <sup>(2)</sup>	D	\$ 21.75
Common Stock, \$0.10 par value	01/27/2017		F		5,313.5958 <sup>(3)</sup>	D	\$ 21.75

Common Stock, \$0.10 par value 01/27/2017 D 8,436.7979 (4) D \$ 21.75 147,645.0065 D

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.** SEC 1474 (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. Transaction Code (Instr. 8)	5. Number of 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)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sims John D 1000 SIX PPG PLACE PITTSBURGH, PA 15222			EVP, HPMC Segment	

## Signatures

/s/ John D. Sims 01/31/2017

\*\*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) Shares awarded under the Company's 2014-2016 Total Shareholder Return Program ("TSR").
- (2) Shares withheld for payment of taxes on the 2014-2016 TSR award paid on January 27, 2017 as described in footnote 1 above.

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Shares withheld for payment of taxes on shares of previously restricted stock awarded in February 2014 under the 2014-2016 Long-Term

(3) Shareholder Value Program. Vesting of these shares was contingent on the successful achievement of predetermined goals during the 2014-2016 performance period and became payable on January 27, 2017.

(4) Forfeiture of restricted shares, including accumulated dividends, granted under the 2014 Performance/Restricted Stock Program.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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