

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Riley Kevin W.</u> (Last) (First) (Middle) <u>C/O SONUS NETWORKS, INC.</u> <u>4 TECHNOLOGY PARK DRIVE</u> (Street) <u>WESTFORD MA 01886</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>10/27/2017</u>	3. Issuer Name and Ticker or Trading Symbol <u>Sonus Networks, Inc. [SONS]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>CTO & EVP Growth R&D</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>205,154</u>	<u>D</u>	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
<u>Performance-Based Restricted Stock Units (PSUs)</u>	<u>(1)</u>	<u>(1)</u>	<u>Common Stock</u> <u>2,917⁽¹⁾</u>	<u>0</u>	<u>D</u>	
<u>Performance-Based Restricted Stock Units (PSUs)</u>	<u>(2)</u>	<u>(2)</u>	<u>Common Stock</u> <u>6,250⁽²⁾</u>	<u>0</u>	<u>D</u>	
<u>Performance-Based Restricted Stock Units (PSUs)</u>	<u>(3)</u>	<u>(3)</u>	<u>Common Stock</u> <u>15,625⁽³⁾</u>	<u>0</u>	<u>D</u>	

Explanation of Responses:

- Each PSU represents a contingent right to receive one share of the Issuer's Common Stock, based on the Issuer's total shareholder return (TSR) compared to pre-established relative TSR goals, based on the TSR of the NASDAQ Telecommunications Index, that were set by the Compensation Committee of the Issuer's Board of Directors. Between zero percent (0%) and 120% of the target number of shares reported in column 3 of this report will vest into Issuer Common Stock, if at all, on March 16, 2018.
- Each PSU represents a contingent right to receive one share of the Issuer's Common Stock, based on the Issuer's total shareholder return (TSR) compared to pre-established relative TSR goals, based on the TSR of the NASDAQ Telecommunications Index, that were set by the Compensation Committee of the Issuer's Board of Directors. Between zero percent (0%) and 200% of one-half of the target number of shares reported in column 3 of this report will vest into Issuer Common Stock, if at all, on each of April 1, 2018 and April 1, 2019.
- Each PSU represents a contingent right to receive one share of the Issuer's Common Stock, based on the Issuer's total shareholder return (TSR) compared to pre-established relative TSR goals, based on the TSR of the NASDAQ Telecommunications Index, that were set by the Compensation Committee of the Issuer's Board of Directors. Between zero percent (0%) and 200% of one-third of the target number of shares reported in column 3 of this report will vest into Issuer Common Stock, if at all, on each of March 31, 2018, March 31, 2019 and March 31, 2020.

Remarks:

Kevin W. Riley 11/06/2017
 ** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 5 (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).

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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