FORM 4

obligations may continue. See Instruction 1(b).

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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*  MOYLAN JAMES E JR					2. Issuer Name and Ticker or Trading Symbol  CIENA CORP [ CIEN ]									Check	all app	olicable) ctor	p Person(s) to Issuer  10% Owner Other (specify		
(Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD.					3. Date of Earliest Transaction (Month/Day/Year) 11/30/2017									SVP Finance, CFO					
(Street)			-26	4. If											<i>'</i>				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
Date					ur) E	2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction D		Disposed	isposed Of (D) (Instr. 3, 4			4 and Se Be Ov		ties cially d Following	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	•	Transaction(s) (Instr. 3 and 4)			(3 4)	
Common Stock 11/30				/30/2017						2,000	1)	D	\$21.46		370,250(2)		D		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
Derivative Conversion Date		Execution Dat /Year) if any		4. Transaction Code (Instr. 8)		n of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/E	ee ear)	Amoun or Numbe		ount	Deri Secu	vative urity r. 5)	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
	(Final Content of the	(First) (Conversion or Exercise Price of Derivative (Month/Day/Year)	(First) (Middle)  NA CORPORATION  OGE RD.  ER MD 21076-14  (State) (Zip)  Table I - No  Security (Instr. 3)  Stock  Table II - I  Conversion or Exercise Price of Derivative (Month/Day/Year)  I any (Month/Day/Year)	(First) (Middle)  NA CORPORATION  OGE RD.  ER MD 21076-1426  (State) (Zip)  Table I - Non-Deriv  Security (Instr. 3)  2. Transaction Date (Month/L  Conversion or Exercise Price of Derivative Price of Derivative  2. Transaction Date (Month/Day/Year)  A. Deemed Execution Date, if any (Month/Day/Year)	(First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative  Security (Instr. 3)  Table II - Derivative S (e.g., puts, comporer sprice of Derivative (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  Table II - Derivative S (e.g., puts, comporer sprice of Derivative S (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  3. 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Transaction Date (Month/Day/Year)  Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, fany (Month/Day/Year)  3. Date of Earliest Trans 11/30/2017  4. If Amendment, Date of Execution Date, if any (Month/Day/Year)  Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  And Solve II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	(First) (Middle)  NA CORPORATION DGE RD.  Table I - Non-Derivative Securities Acquired (Month/Day/Year)  Table II - Derivative Securities Acquired (Ronth/Day/Year)  Derivative Securities Acquired (Ronth/Day/Year)	AN JAMES E JR  (First) (Middle)  NA CORPORATION DGE RD.  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If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Rog. purts, Calls, Warrants, Options, convertible Securities)  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Rog. puts, Calls, Warrants, Options, convertible Securities)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Rog. puts, Calls, Warrants, Options, convertible Securities)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Rog. puts, Calls, Warrants, Options, convertible Securities)  2. Transaction Date (Rog. puts, Calls, Warrants, Options, Convertible Securities)  3. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Rog. puts, Calls, Warrants, Options, Convertible Securities)  2. Transaction Date (Rog. puts, Calls, Warrants, Options, Convertible Securities)  4. Transaction Date (Rog. puts, Calls, Warrants, Options, Convertible Securities)  2. Transaction Date (Rog. puts, Calls, Warrants, Options, Convertible Securities)  3. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Rog. puts) (Rog. put	CIENA CORP [ CIEN ]  (First) (Middle) NA CORPORATION DGE RD.  21076-1426  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  Execution Date (Month/Day/Year) (Month/Day/Year)  [ A. Hamendment, Date of Original Filed (Month/Day/Year)   S. Amount of Date (Instr. 3)   Stock   11/30/2017   S   2,000(1)   D   \$21.46   370,250(2)    Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction Date (Instr. 3)   Date (Instr. 4)   Dat	CIENA CORP [ CIEN ]  (First) (Middle)  NA CORPORATION  OGE RD.  4. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  Security (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year)  (Month/Day/Year) (Month/Day/Year)  Stock  11/30/2017  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Code (Instr. 3)  3. Transaction Code V Amount (A) or Price (Instr. 3 and 4)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned Following Code (Instr. 3)  3. Transaction (Instr. 3)  4. Securities Acquired (A) or Securities Securitie	

## **Explanation of Responses:**

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 1/13/2017.
- $2. \ Shares \ reported \ include \ unvested \ Restricted \ Stock \ Units \ (RSUs) \ and \ Performance \ Stock \ Units \ (PSUs).$

By: Michelle Griswold For: James E. Moylan, Jr.

11/30/2017

\*\* 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 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).

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

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 Number.