

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104  
Estimated average burden  
hours per response: 0.5Filed 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>O NEIL ROBERT A</u>  (Last) (First) (Middle) <u>1201 WINTERSON ROAD</u>  (Street) <u>LINTHICUM MD 21090</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>11/19/2003</u>	3. Issuer Name and Ticker or Trading Symbol <u>CIENA CORP [ CIEN ]</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>Senior Vice President, DNG</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) <u>12/08/2003</u>
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person  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>419,567<sup>(1)</sup></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>Employee Stock Option (right to buy)</u>	<u>06/16/2004<sup>(2)</sup></u>	<u>06/16/2003</u>	<u>Common Stock</u>	<u>100,000</u>	<u>5.29</u>	<u>D</u>

## Explanation of Responses:

1. 50,650 shares held in escrow pursuant to the merger agreement by and between WaveSmith and CIENA; 335,712 shares are restricted shares and are held in a book account at the transfer agent which will be fully vested and distributed to Mr. O'Neil by November 18, 2005; and 33,205 are held by Mr. O'Neil without restriction.

2. The shares vest at a rate of 25% on the one year anniversary date and 2.084% for each full month after the one year anniversary of the vesting commencement date.

Robert O'Neil/Anita  
Weiskerger by POA

12/11/2003

\*\* 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.

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.