

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>BONANZA MASTER FUND LTD</u> <hr/> (Last) (First) (Middle) 300 CRESCENT COURT SUITE 250 <hr/> (Street) DALLAS TX 75201 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 11/29/2007	3. Issuer Name and Ticker or Trading Symbol <u>ELECTRO OPTICAL SCIENCES INC /NY [MELA]</u>
4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)		5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" 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)
Common Stock	1,580,700	D ⁽¹⁾	
Common Stock	1,580,700	I	See Footnote ⁽²⁾

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	Title	Amount or Number of Shares			
Common Stock Purchase Warrants	01/30/2008 ⁽³⁾	08/03/2012	Common Stock	250,000	8	D ⁽¹⁾	
Common Stock Purchase Warrants	01/30/2008 ⁽³⁾	08/03/2012	Common Stock	250,000	8	I	See Footnote ⁽²⁾

1. Name and Address of Reporting Person* <u>BONANZA MASTER FUND LTD</u> <hr/> (Last) (First) (Middle) 300 CRESCENT COURT SUITE 250 <hr/> (Street) DALLAS TX 75201 <hr/> (City) (State) (Zip)
1. Name and Address of Reporting Person* <u>BONANZA CAPITAL LTD</u> <hr/> (Last) (First) (Middle) 300 CRESCENT COURT SUITE 250 <hr/> (Street) DALLAS TX 75201 <hr/> (City) (State) (Zip)

Explanation of Responses:

1. These securities are owned by Bonanza Master Fund, Ltd. (the "Master Fund"), which is a reporting person.
2. These securities may be deemed to be beneficially owned by Bonanza Capital, Ltd. by virtue of its role as the investment manager of the Master Fund. Bonanza Capital, Ltd. disclaims beneficial ownership of the reported securities except to the extent of its pecuniary interest therein, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of the securities for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or for any other purpose.
3. Pursuant to the Warrant to Purchase Common Stock dated August 3, 2007, the Reporting Persons may not exercise the Common Stock Purchase Warrants if, immediately after giving effect to the exercise, the Reporting Persons would beneficially own more than 4.99% of the outstanding Common Stock of the Issuer.

Bonanza Master Fund, Ltd., 12/05/2007

By: /s/ Bernay Box

Bonanza Capital, Ltd., By: /s/ 12/05/2007
Bernay Box

** 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.