

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>BARRON PATRICIA C</u> (Last) (First) (Middle) <u>ULTRALIFE CORPORATION</u> <u>2000 TECHNOLOGY PARKWAY</u> (Street) <u>NEWARK NY 14513</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ULTRALIFE CORP [ULBI]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/09/2011</u>	
	4. 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 Form filed by More than One Reporting Person

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; \$.10 par value	05/09/2011		P		4,100 ⁽¹⁾	A	\$3.99	105,050	D	
Common Stock; \$.10 par value	05/09/2011		P		100 ⁽¹⁾	A	\$3.98	105,150	D	
Common Stock; \$.10 par value	05/09/2011		P		5,400 ⁽¹⁾	A	\$3.97	110,550	D	
Common Stock; \$.10 par value	05/09/2011		P		400 ⁽¹⁾	A	\$3.96	110,950	D	
Common Stock; \$.10 par value	05/10/2011		P		200 ⁽²⁾	A	\$3.99	1,400	I	Held jointly with spouse
Common Stock; \$.10 par value	05/10/2011		P		2,300 ⁽²⁾	A	\$3.97	3,700	I	Held jointly with spouse
Common Stock; \$.10 par value	05/10/2011		P		1,900 ⁽²⁾	A	\$3.967	5,600	I	Held jointly with spouse
Common Stock; \$.10 par value	05/10/2011		P		600 ⁽²⁾	A	\$3.969	6,200	I	Held jointly with spouse

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- 1. These shares are held in The Patricia C. Barron Profit Sharing Plan with USAA.
- 2. These shares are held jointly with spouse.

Remarks:

/s/Peter F. Comerford;
attorney-in-fact for Patricia C. Barron 05/10/2011

** Signature of Reporting Person Date

* 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.