

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported):

September 8, 2004

ULTRALIFE BATTERIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-20852

(Commission File Number)

16-1388013

(I.R.S. Employer Identification No.)

2000 Technology Parkway, Newark, New York 14513

(Address of principal executive offices) (Zip Code)

(315) 332-8100

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions.

Written communications pursuant to Rule 425 under the Securities Act (18 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (18 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (18 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (18 CFR 240.13e-4(c))

Item 7.01. Regulation FD Disclosure.

The Company will be presenting on September 13, 2004 at The Roth Capital Partners New York Conference taking place at the St. Regis Hotel in New York City. Refer to the attached Exhibit 99.1 for the entire text of the release, which Exhibit is being furnished but not filed in accordance with Regulation FD.

Item 9.01. Financial Statements, Pro Forma Financials and Exhibits.

(a) Financial Statements of Business Acquired.

Not applicable.

(b) Pro Forma Financial Information.

Not applicable.

(c) Exhibits.

99.1 Press Release dated September 8, 2004.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ULTRALIFE BATTERIES, INC.

Dated: September 8, 2004

By: /s/ Robert W. Fishback

Robert W. Fishback
Vice President Finance & CFO

INDEX TO EXHIBITS

(99) Additional Exhibits

99.1 Press Release dated September 8, 2004.

Ultralife Batteries, Inc. to Present at The Roth Capital Partners
New York Conference

NEWARK, N.Y.--(BUSINESS WIRE)--Sept. 8, 2004--Ultralife Batteries, Inc. (Nasdaq:ULBI) will be presenting on September 13, 2004 at The Roth Capital Partners New York Conference taking place at the St. Regis Hotel in New York City.

Ultralife Batteries management is scheduled to make a presentation at 12:00 PM Eastern Time. A live webcast and replay of the presentation will be available in the Investor Info - Event Calendar section of the company's website:
<http://www.ultralifebatteries.com/invest.asp>.

About Ultralife Batteries, Inc.

Ultralife is a leading developer, manufacturer, and marketer of standard and customized lithium primary (non-rechargeable), lithium ion and lithium polymer rechargeable batteries. Ultralife's high-energy batteries use advanced lithium technology and are used in military, industrial and consumer portable electronic products. Through its range of standard products and ability to customize for a wide range of applications, Ultralife is able to provide the next generation of battery solutions. OEM, retail and government customers include Energizer, Kidde Safety, Philips Medical Systems, Radio Shack and the national defense agencies of the United States and United Kingdom, among others.

Ultralife's headquarters, principal manufacturing and research facilities are in Newark, New York, near Rochester. Ultralife (UK) Ltd., a second manufacturing and research facility, is located in Abingdon, U.K. Both facilities are ISO-9001 certified.

About the Roth Capital Partners New York Conference

This annual event is the largest in the nation for emerging growth companies. It provides a concentrated forum where Institutional Investors can meet the executives of growth companies hand picked by Roth Capital's research team. The conference will highlight approximately 225 companies from industry groups including Health Care/Life Sciences; Consumer Products; Defense & Industrial Technologies; Digital Media, IT & Entertainment; Broadband & Fiber Optics; Gaming; and Business and Banking/Financial Services.

This year, as a result of numerous client requests, Roth has extended the conference to three working days, including a Discovery Day, which will be hosted by RedChip Resources, LLC. For more information about the conference visit:

<http://www.rothcp.com/Conf NY Web Site/Roth.htm?content=home>

Ultralife(R) is a registered trademark of Ultralife Batteries, Inc.

CONTACT: Company Contact:

Ultralife Batteries, Inc.
Robert W. Fishback, 315-332-8100
bfishback@ulbi.com

or

Investor Relations Contact:
Lippert/Heilshorn & Associates, Inc.
Jody Burfening, 212-838-3888
jburfening@lhai.com

or

Media Contact:
Lippert/Heilshorn & Associates, Inc.
Chenoa Taitt, 212-201-6635
ctaitt@lhai.com