AMPHENOL CORP /DE/ Form POS AM January 26, 2006

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As filed with the Securities and Exchange Commission on January 26, 2006 Post-Effective Amendment No. 1 to the Registration Statement No. 333-111687

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-3

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

Amphenol Corporation

(Exact name of registrant as specified in charter)

Delaware

(State or other jurisdiction of incorporation or organization)

22-2785165

(I.R.S. Employer Identification Number)

358 Hall Avenue Wallingford, Connecticut 06492 (203) 265-8900

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Edward C. Wetmore, Esq. Amphenol Corporation 358 Hall Avenue Wallingford, Connecticut 06492 (203) 265-8900

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies of all correspondence to:

John B. Tehan, Esq. Simpson Thacher & Bartlett LLP 425 Lexington Avenue New York, New York 10017-3954 Telephone: (212) 455-2000

Approximate Date of Commencement of Proposed Sale to the Public: Not applicable.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. o

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. o

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box. o

DEREGISTRATION OF SECURITIES

On January 2, 2004, the Registrant filed a Registration Statement on Form S-3 (Registration No. 333-111687) (the "Registration Statement") with the U.S. Securities and Exchange Commission, for the issuance and sale of shares of Class A Common Stock.

Pursuant to the undertaking made by the Registrant as required by Item 512(a)(3) of Regulation S-K, the Registrant files this Post-Effective Amendment No. 1 to the Registration Statement and hereby deregisters all securities registered that remain unsold pursuant to the Registration Statement.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to the Registration Statement No. 333-111687 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Wallingford, State of Connecticut, on the 26th day of January, 2006.

AMPHENOL CORPORATION Registrant

By:

/s/ DIANA G. REARDON

Name: Diana G. Reardon

Title: Senior Vice President and Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, as amended, this Post-Effective Amendment No. 1 to the Registration Statement has been signed on the 26th day of January, 2006 by the following persons in the capacities indicated.

	Signature	Title	
By:	/s/ MARTIN H. LOEFFLER Martin H. Loeffler	Director, Chairman, Chief Executive Officer and President (Principal Executive Officer)	
By:	/s/ DIANA G. REARDON Diana G. Reardon	Senior Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)	
By:	/s/ EDWARD G. JEPSEN Edward G. Jepsen	Director	
By:	/s/ ANDREW E. LIETZ Andrew E. Lietz	Director	
By:	/s/ DEAN H. SECORD Dean H. Secord	Director	
By:	/s/ JOHN R. LORD John R. Lord	Director	
By:	/s/ RONALD P. BADIE Ronald P. Badie	— Director	

By:

Signature		Title	
/s/ STANLEY L. CLARK		Director	
Stanley L. Clark	•	Director	
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