

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

Form 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 12, 2005

Southern Star Central Corp.

(Exact name of registrant as specified in its charter)

Delaware

333-110979

04-3712210

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(IRS Employer
Identification No.)

c/o AIG Highstar Capital, L.P., 599 Lexington Avenue, 25th Floor,
New York, NY

10022

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code: (646) 735-0500

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 (17 C.F.R. 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 C.F.R. 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 C.F.R. 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 C.F.R. 240.13e-4(c))

Item 7.01. Regulation FD Disclosure.

Attached hereto as Exhibit 99.1 is a press release issued by the registrant that is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits

99.1 Press Release, dated May 12, 2005.

SIGNATURES

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.

SOUTHERN STAR CENTRAL CORP.

Date: May 12, 2005

/s/ Michael Walsh

Michael Walsh

Treasurer